

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070518\
 Data File : VW003715.D
 Acq On : 05 Jul 2018 12:41
 Operator : SY/AP
 Sample : VW0705SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0705SBS01

Manual Integrations
 APPROVED

apatel
 7/6/2018 10:02:08 AM

Quant Time: Jul 06 02:54:32 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	263953	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	412277	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	381160	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	204282	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	150250	47.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.50%	
35) Dibromofluoromethane	7.88	113	133626	49.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.40%	
50) Toluene-d8	10.33	98	532004	50.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.80%	
62) 4-Bromofluorobenzene	12.62	95	191547	50.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	21968	18.737	ug/l	99
3) Chloromethane	2.21	50	34999	16.646	ug/l	100
4) Vinyl Chloride	2.36	62	49240	17.164	ug/l	97
5) Bromomethane	2.78	94	32919	17.502	ug/l	100
6) Chloroethane	2.92	64	30926	17.916	ug/l	99
7) Trichlorofluoromethane	3.25	101	27540	18.053	ug/l	85
8) Diethyl Ether	3.67	74	26478	18.759	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	48942	19.306	ug/l	99
10) Methyl Iodide	4.26	142	67380	18.100	ug/l	100
11) Tert butyl alcohol	5.21	59	18225	92.554	ug/l #	83
12) 1,1-Dichloroethene	4.03	96	46693	18.480	ug/l	94
13) Acrolein	3.89	56	10740	112.406	ug/l	89
14) Allyl chloride	4.65	41	79996	18.512	ug/l	100
15) Acrylonitrile	5.37	53	59425	90.773	ug/l	100
16) Acetone	4.14	43	67002	89.196	ug/l	99
17) Carbon Disulfide	4.37	76	128635	16.959	ug/l	99
18) Methyl Acetate	4.68	43	29953	18.813	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	90425	18.321	ug/l	97
20) Methylene Chloride	4.90	84	64252	20.349	ug/l	99
21) trans-1,2-Dichloroethene	5.41	96	49878	18.024	ug/l	94
22) Diisopropyl ether	6.31	45	169676	19.151	ug/l	98
23) Vinyl Acetate	6.26	43	490213	90.942	ug/l	100
24) 1,1-Dichloroethane	6.21	63	99954	18.918	ug/l	99
25) 2-Butanone	7.18	43	85659	89.057	ug/l	98
26) 2,2-Dichloropropane	7.17	77	61688	19.042	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	56386	18.711	ug/l	100
28) Bromochloromethane	7.51	49	45327	19.516	ug/l	98
29) Tetrahydrofuran	7.54	42	50397	87.407	ug/l	100
30) Chloroform	7.68	83	102850	19.251	ug/l	96
31) Cyclohexane	7.95	56	86566	17.994	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	80461	19.346	ug/l	99
36) 1,1-Dichloropropene	8.09	75	78737	19.025	ug/l	99
37) Ethyl Acetate	7.26	43	36071	17.906	ug/l	99
38) Carbon Tetrachloride	8.07	117	76981	19.553	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	86438	18.137	ug/l	99
40) Benzene	8.32	78	219370	18.859	ug/l	98
41) Methacrylonitrile	7.49	41	22397	19.560	ug/l	93
42) 1,2-Dichloroethane	8.40	62	69165	18.884	ug/l	98
43) Isopropyl Acetate	8.43	43	68332	18.010	ug/l	100
44) Trichloroethene	9.09	130	56497	18.788	ug/l	98
45) 1,2-Dichloropropane	9.37	63	57294	18.987	ug/l	98
46) Dibromomethane	9.46	93	29756	18.988	ug/l	99
47) Bromodichloromethane	9.65	83	74092	19.126	ug/l	98
48) Methyl methacrylate	9.44	41	31615	18.072	ug/l	96
49) 1,4-Dioxane	9.48	88	9136	371.638	ug/l #	97
51) 4-Methyl-2-Pentanone	10.21	43	183482	91.777	ug/l	99
52) Toluene	10.39	92	140021	19.289	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	74602	18.563	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	85974	18.869	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	41797	18.932	ug/l	98
56) Ethyl methacrylate	10.65	69	49145	18.146	ug/l	99
57) 1,3-Dichloropropane	10.93	76	72640	18.940	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	114506	97.031	ug/l	99
59) 2-Hexanone	10.98	43	133868	93.672	ug/l	97
60) Dibromochloromethane	11.13	129	48366	18.739	ug/l	99
61) 1,2-Dibromoethane	11.24	107	39057	18.469	ug/l	100
64) Tetrachloroethene	10.87	164	50492	19.599	ug/l	98
65) Chlorobenzene	11.66	112	154685	19.303	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	53629	19.150	ug/l	96
67) Ethyl Benzene	11.74	91	272736	19.425	ug/l	99
68) m/p-Xylenes	11.85	106	209553	39.247	ug/l	100
69) o-Xylene	12.17	106	94876	19.222	ug/l	100
70) Styrene	12.19	104	162447	19.595	ug/l	100
71) Bromoform	12.35	173	28786	18.499	ug/l #	99
73) Isopropylbenzene	12.47	105	269253	19.377	ug/l	100
74) N-amyl acetate	12.28	43	64432	17.560	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	50796	18.689	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	34776m	18.933	ug/l	
77) Bromobenzene	12.75	156	64300	19.281	ug/l	100
78) n-propylbenzene	12.81	91	342139	19.931	ug/l	99
79) 2-Chlorotoluene	12.90	91	192428	19.699	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	232443	19.773	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	15390	17.754	ug/l	99
82) 4-Chlorotoluene	12.99	91	203320	19.607	ug/l	100
83) tert-Butylbenzene	13.21	119	194445	19.609	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	239873	19.821	ug/l	100
85) sec-Butylbenzene	13.39	105	291911	19.783	ug/l	100
86) p-Isopropyltoluene	13.51	119	254754	19.739	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	133358	19.703	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	133012	19.666	ug/l	99
89) n-Butylbenzene	13.83	91	251495	19.710	ug/l	99
90) Hexachloroethane	14.10	117	47138	19.659	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	119195	19.696	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8626	18.215	ug/l	96

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MSVOA_W
ClientSampleId :
VW0705SBSD01

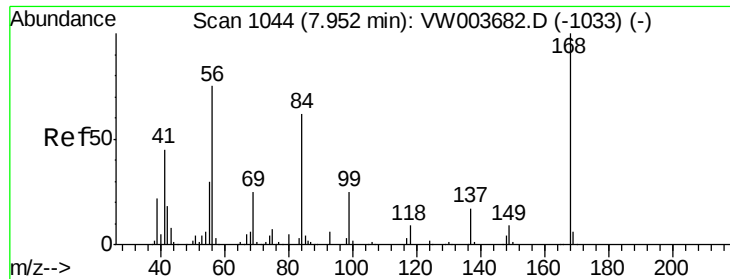
Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070218S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 03 08:55:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	84080	19.704	ug/l	100
94) Hexachlorobutadiene	15.24	225	48455	19.661	ug/l	98
95) Naphthalene	15.38	128	140472	18.151	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	74473	19.593	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003715.D

Acq: 05 Jul 2018 12:41

Instrument :

MSVOA_W

ClientSampleId :

VW0705SBS01

Tot Ion:168 Resp: 263953

Ion Ratio Lower Upper

168 100

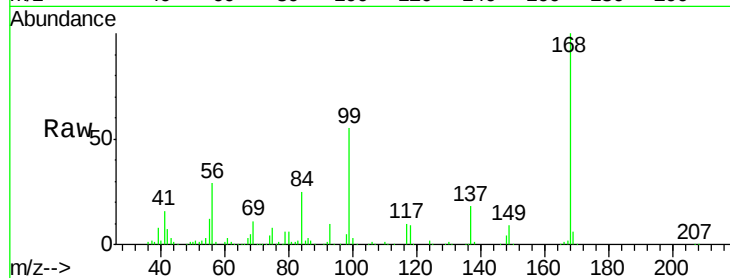
99 55.4 45.4 68.2

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

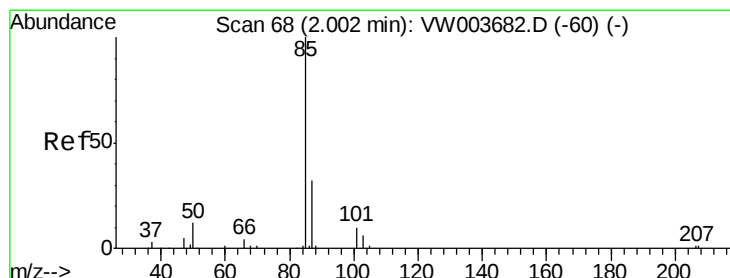
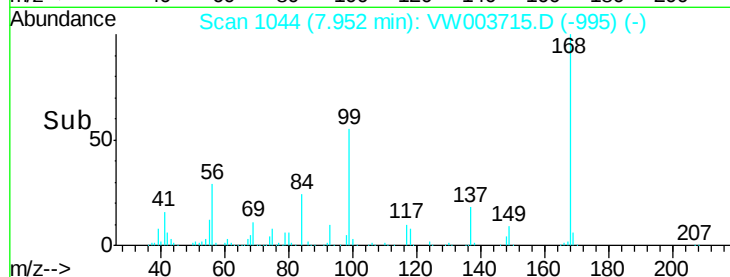
7.95

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.737 ug/l

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW003715.D

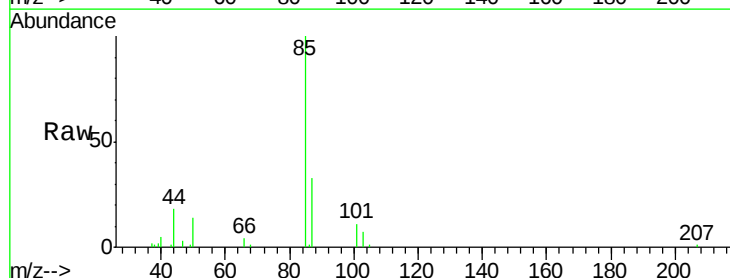
Acq: 05 Jul 2018 12:41

Tgt Ion: 85 Resp: 21968

Ion Ratio Lower Upper

85 100

87 32.6 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

8000

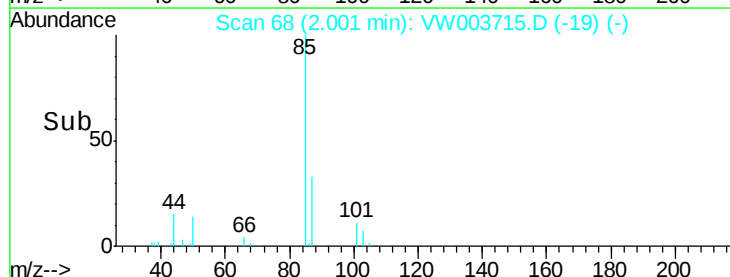
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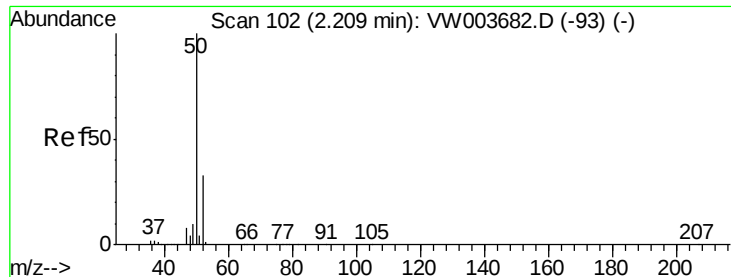
4000

2000

0

Time-->





#3

Chloromethane

Concen: 16.646 ug/l

RT: 2.21 min Scan# 102

Delta R.T. -0.00 min

Lab File: VW003715.D

Acq: 05 Jul 2018 12:41

Instrument :

MSVOA_W

ClientSampleId :

VW0705SBS01

Tot Ion: 50 Resp: 34999

Ion Ratio Lower Upper

50 100

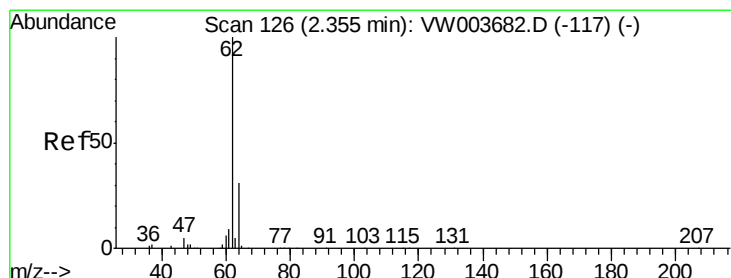
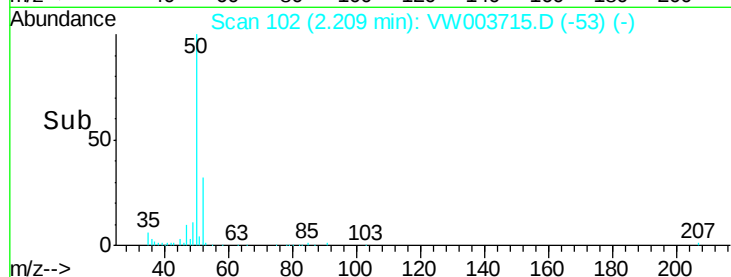
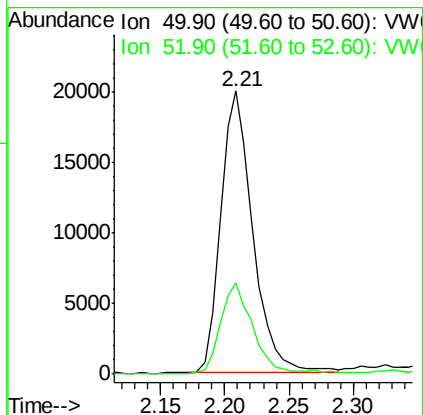
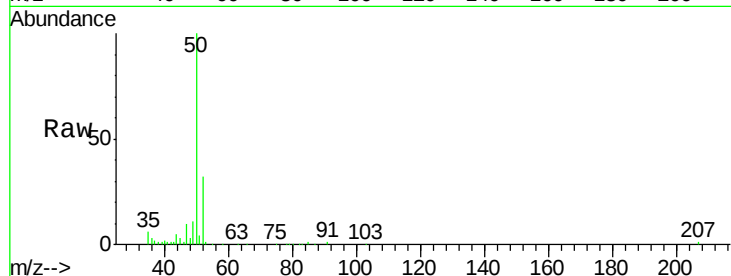
52 32.6 26.1 39.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 17.164 ug/l

RT: 2.36 min Scan# 126

Delta R.T. -0.00 min

Lab File: VW003715.D

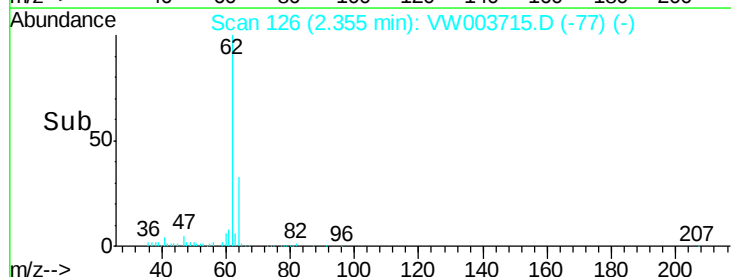
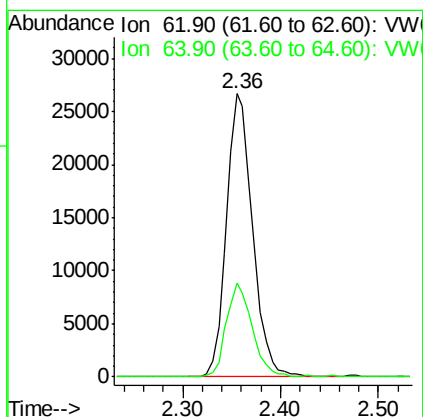
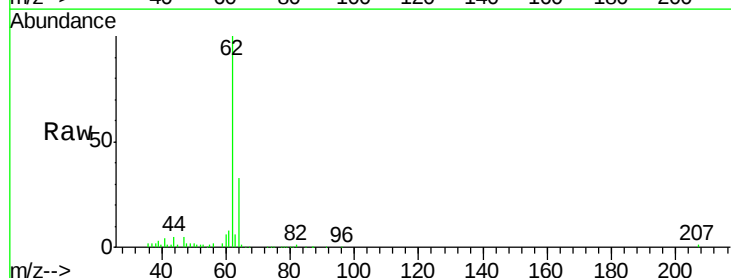
Acq: 05 Jul 2018 12:41

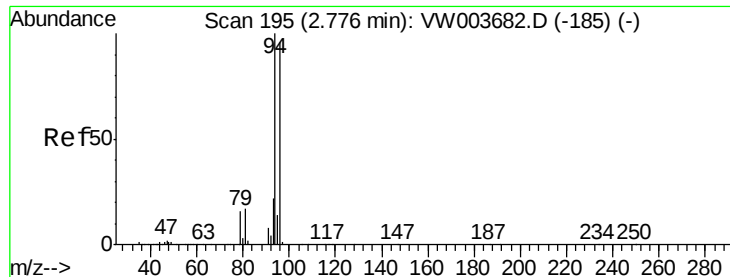
Tgt Ion: 62 Resp: 49240

Ion Ratio Lower Upper

62 100

64 33.3 25.1 37.7





#5

Bromomethane

Concen: 17.502 ug/l

RT: 2.78 min Scan# 195

Delta R.T. -0.00 min

Lab File: VW003715.D

Acq: 05 Jul 2018 12:41

Instrument :

MSVOA_W

ClientSampleId :

VW0705SBS01

Tot Ion: 94 Resp: 32919

Ion Ratio Lower Upper

94 100

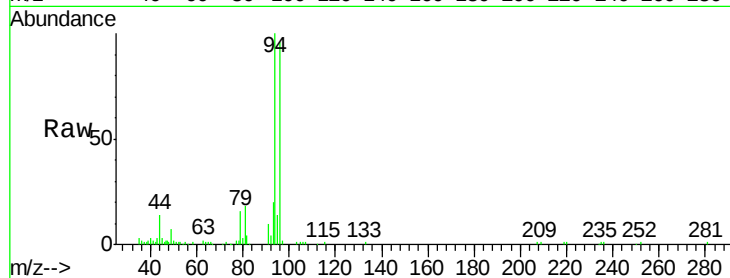
96 95.5 76.6 115.0

Manual Integrations

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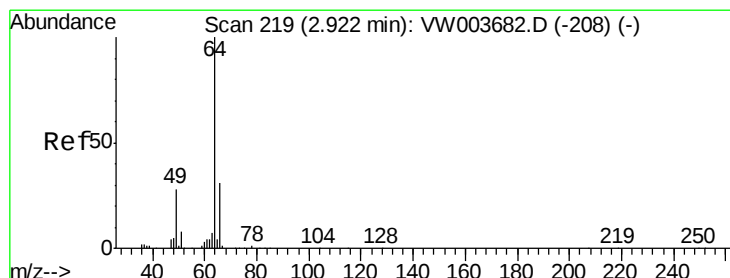
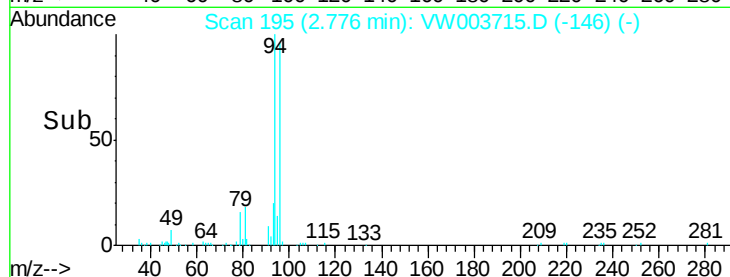
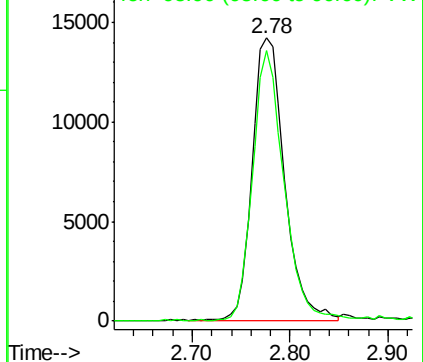
apatel

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Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 17.916 ug/l

RT: 2.92 min Scan# 218

Delta R.T. -0.01 min

Lab File: VW003715.D

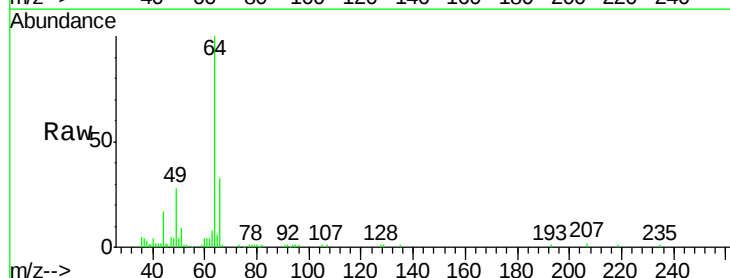
Acq: 05 Jul 2018 12:41

Tgt Ion: 64 Resp: 30926

Ion Ratio Lower Upper

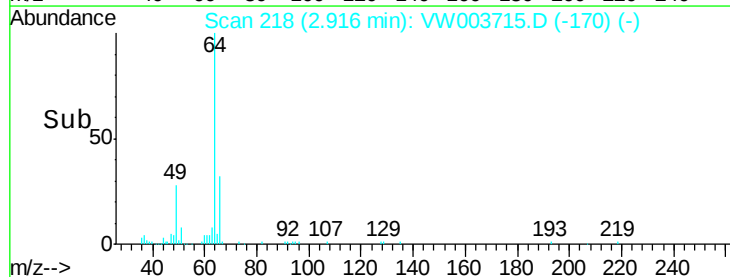
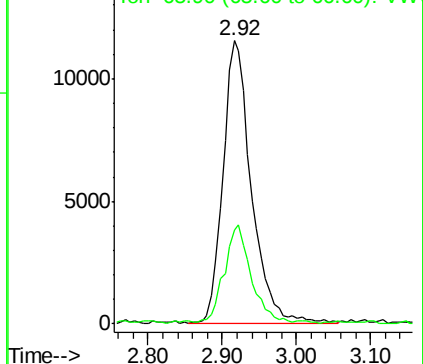
64 100

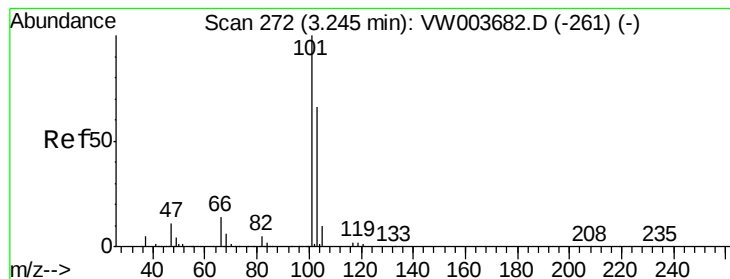
66 31.8 25.0 37.6



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW





#7

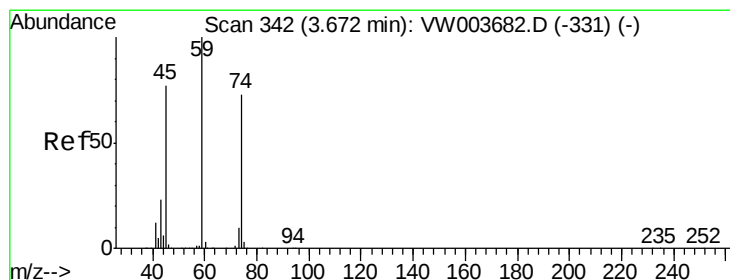
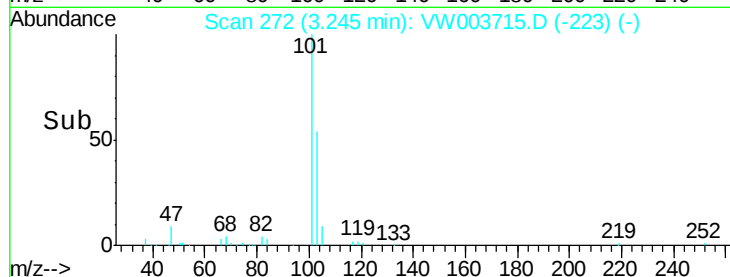
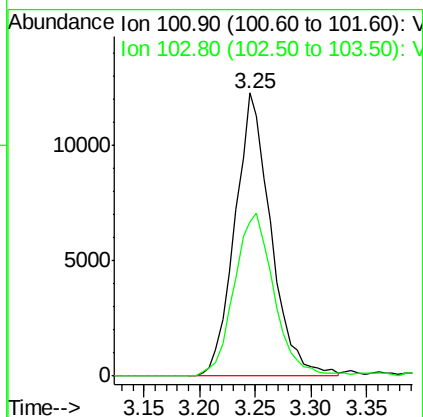
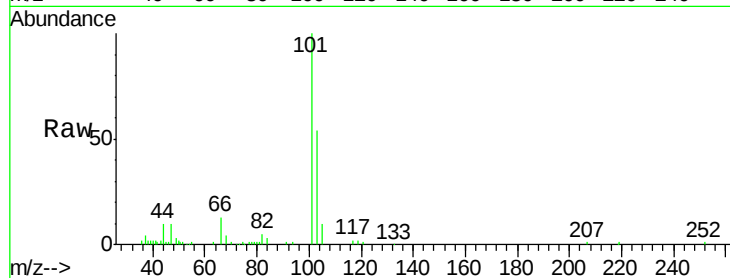
Trichlorofluoromethane
 Concen: 18.053 ug/l
 RT: 3.25 min Scan# 272
 Delta R.T. -0.00 min
 Lab File: VW003715.D
 Acq: 05 Jul 2018 12:41

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 ClientSampleId :
 VW0705SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	54.4	52.9	79.3

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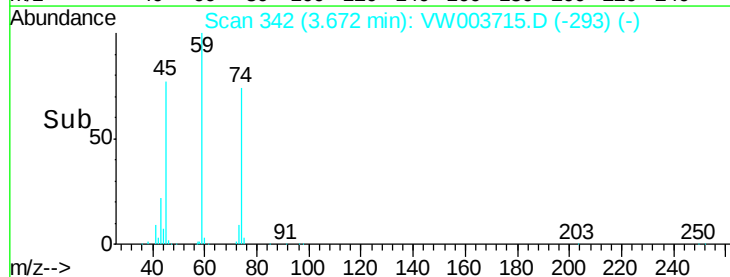
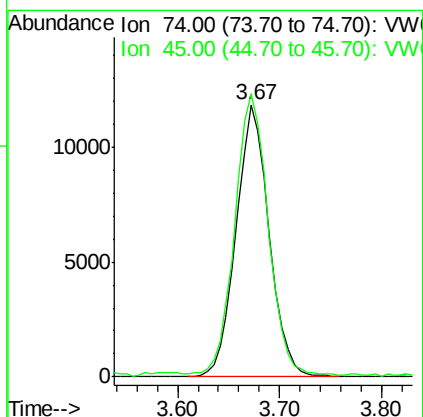
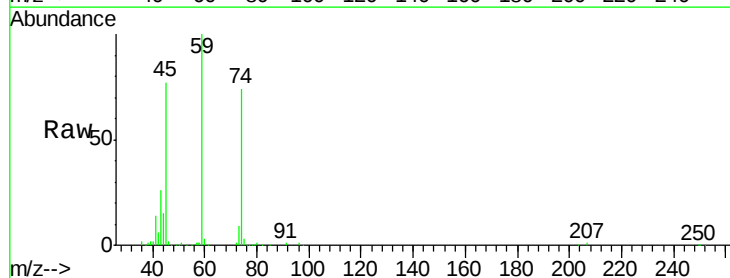
apatel
 7/6/2018 10:02:08 AM

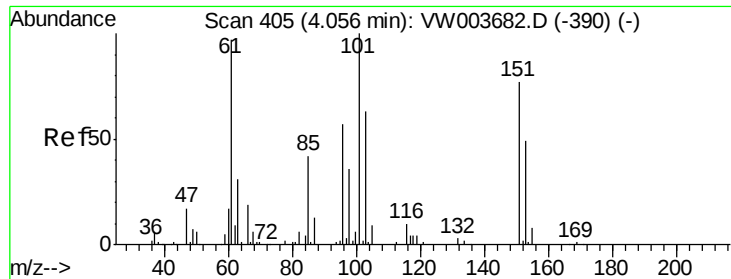


#8

Diethyl Ether
 Concen: 18.759 ug/l
 RT: 3.67 min Scan# 342
 Delta R.T. -0.00 min
 Lab File: VW003715.D
 Acq: 05 Jul 2018 12:41

Tgt Ion	Ratio	Lower	Upper
74	100		
45	105.9	53.5	160.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.306 ug/l

RT: 4.06 min Scan# 405

Delta R.T. -0.00 min

Lab File: VW003715.D

Acq: 05 Jul 2018 12:41

Instrument :

MSVOA_W

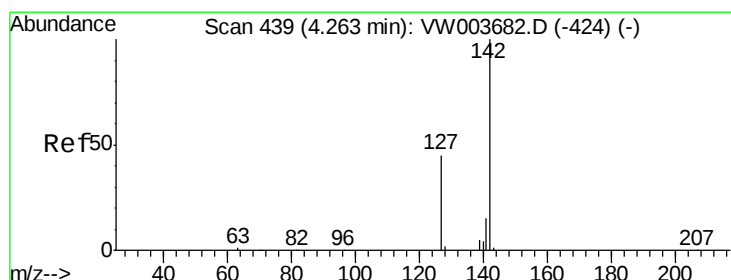
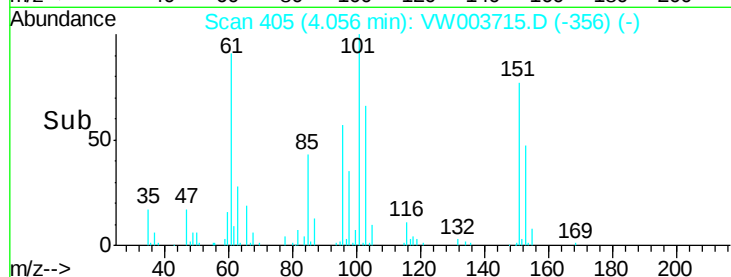
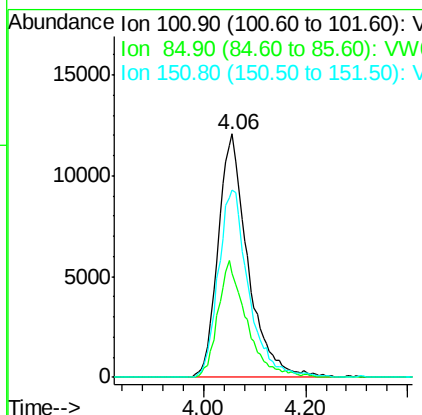
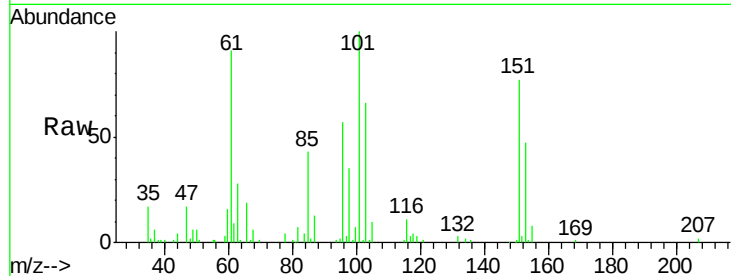
ClientSampleId :

VW0705SBS01

Tot Ion:	101	Resp:	48942
Ion Ratio	Lower	Upper	
101	100		
85	45.9	36.6	55.0
151	78.7	62.4	93.6

Manual Integrations
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#10

Methyl Iodide

Concen: 18.100 ug/l

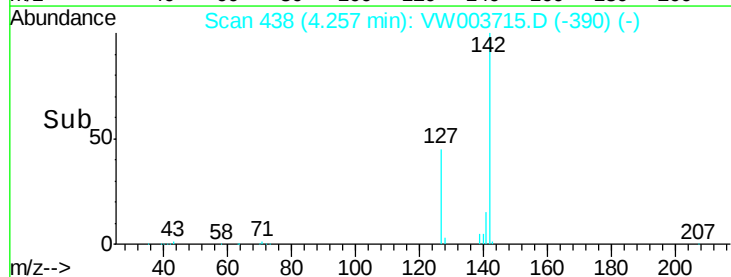
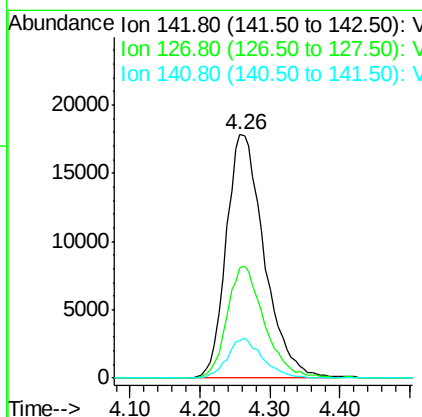
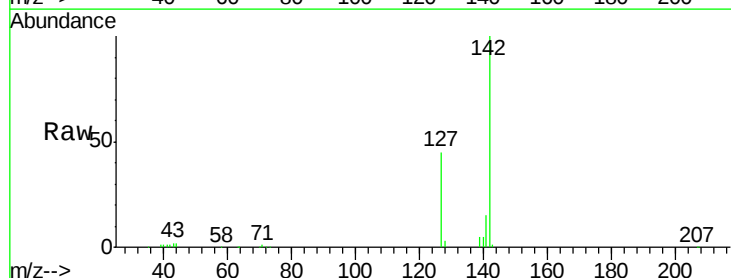
RT: 4.26 min Scan# 438

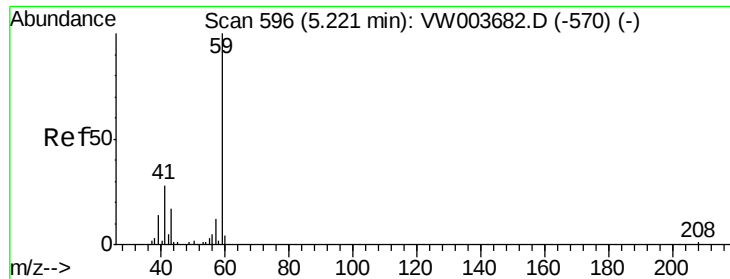
Delta R.T. -0.01 min

Lab File: VW003715.D

Acq: 05 Jul 2018 12:41

Tgt Ion:	142	Resp:	67380
Ion Ratio	Lower	Upper	
142	100		
127	44.9	36.0	54.0
141	15.1	11.9	17.9





#11

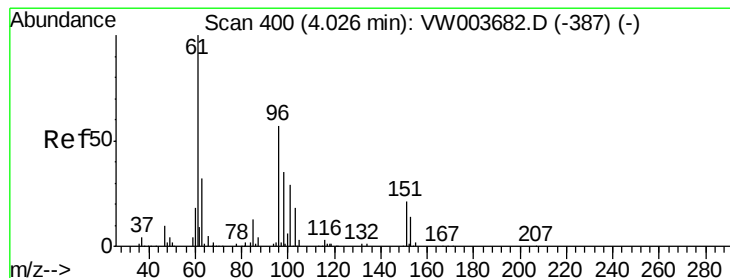
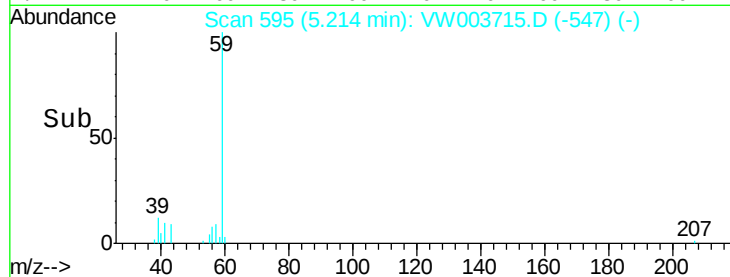
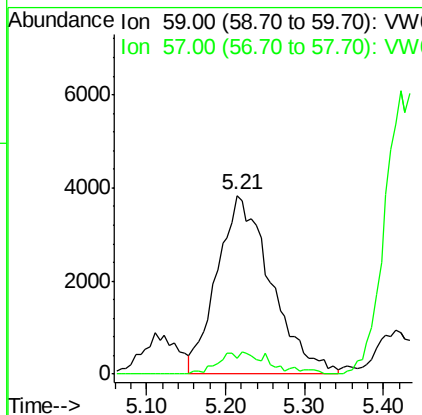
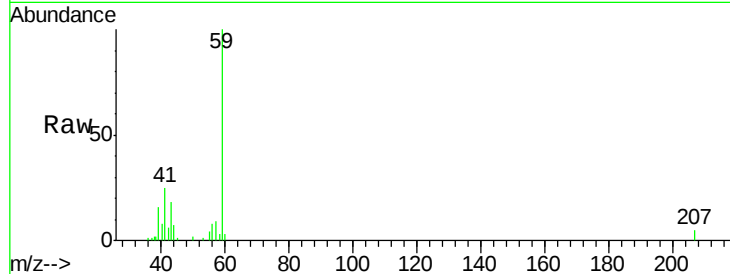
Tert butyl alcohol
Concen: 92.554 ug/l
RT: 5.21 min Scan# 595
Delta R.T. -0.01 min
Lab File: VW003715.D
Acq: 05 Jul 2018 12:41

Instrument :
MSVOA_W
ClientSampled :
VW0705SBS01

Tot Ion	59	57	Ratio	100	4.7	Resp:	18225	Lower	9.0	Upper	13.4#
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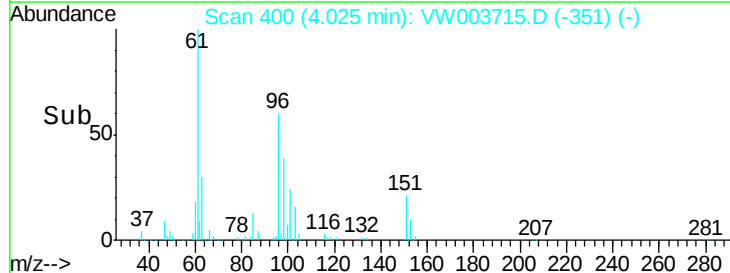
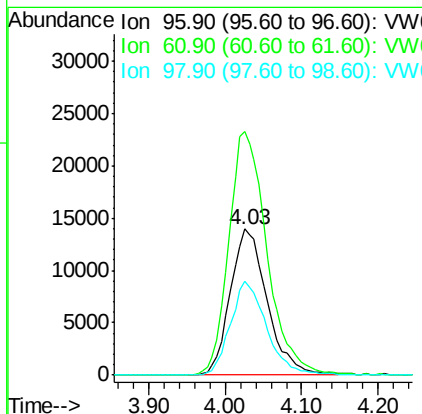
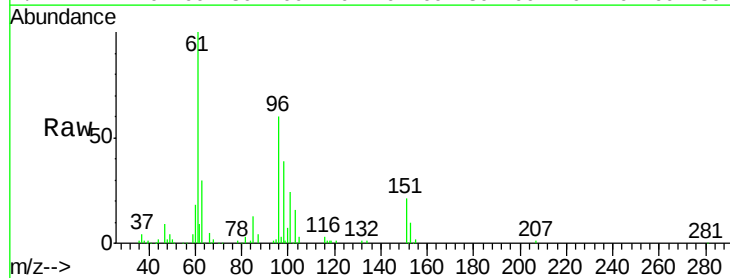
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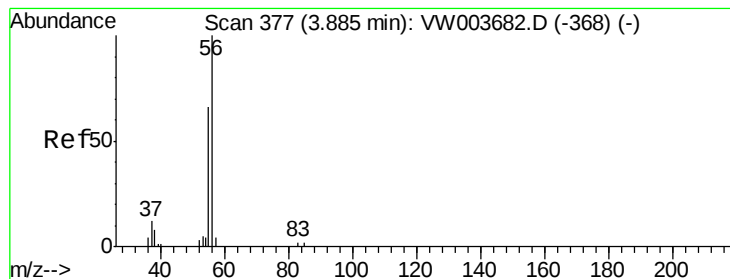


#12

1,1-Dichloroethene
Concen: 18.480 ug/l
RT: 4.03 min Scan# 400
Delta R.T. -0.00 min
Lab File: VW003715.D
Acq: 05 Jul 2018 12:41

Tgt Ion	96	61	98	Ratio	100	166.7	64.4	Resp:	46693	Lower	140.6	49.4	Upper	211.0	74.0
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#13

Acrolein

Concen: 112.406 ug/l

RT: 3.89 min Scan# 377

Delta R.T. -0.00 min

Lab File: VW003715.D

Acq: 05 Jul 2018 12:41

Instrument :

MSVOA_W

ClientSampleId :

VW0705SBS01

Tot Ion: 56 Resp: 10740

Ion Ratio Lower Upper

56 100

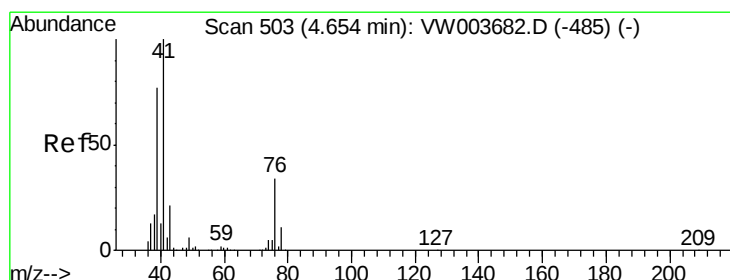
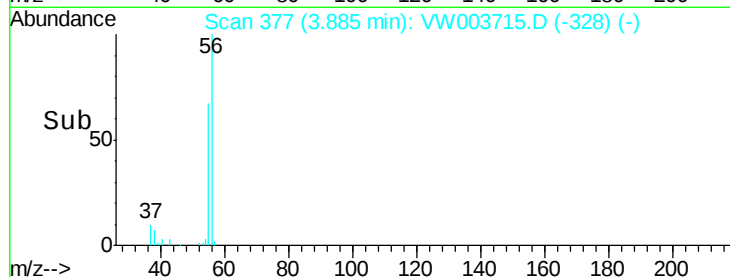
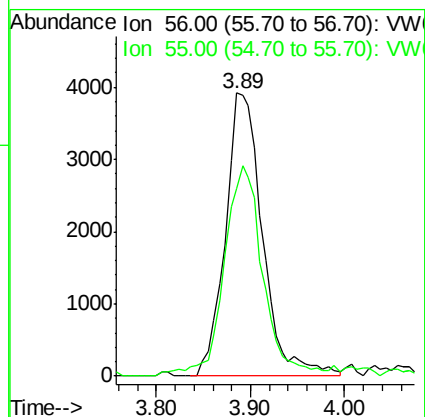
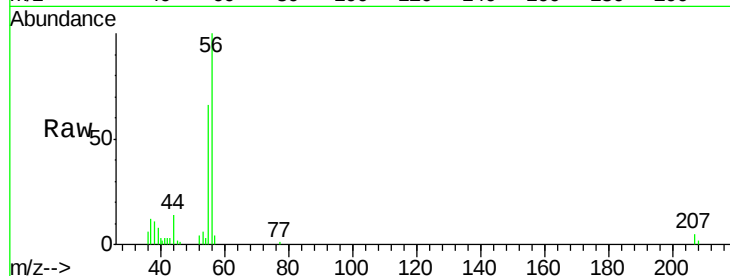
55 77.2 54.7 82.1

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#14

Allyl chloride

Concen: 18.512 ug/l

RT: 4.65 min Scan# 503

Delta R.T. -0.00 min

Lab File: VW003715.D

Acq: 05 Jul 2018 12:41

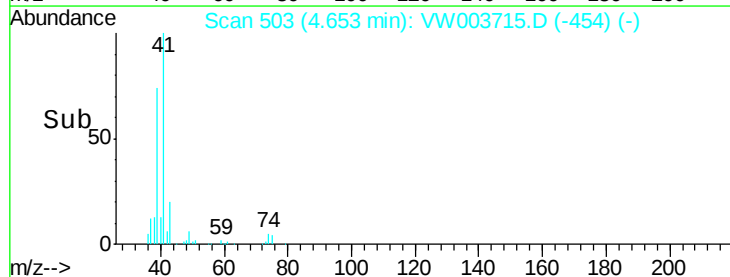
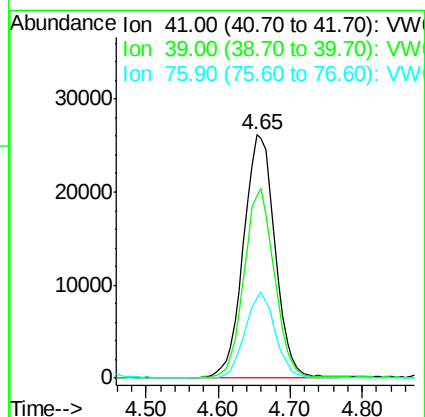
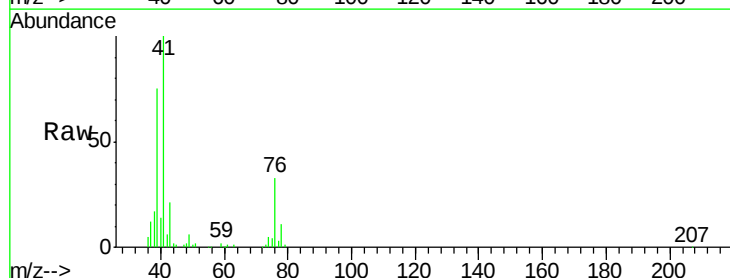
Tgt Ion: 41 Resp: 79996

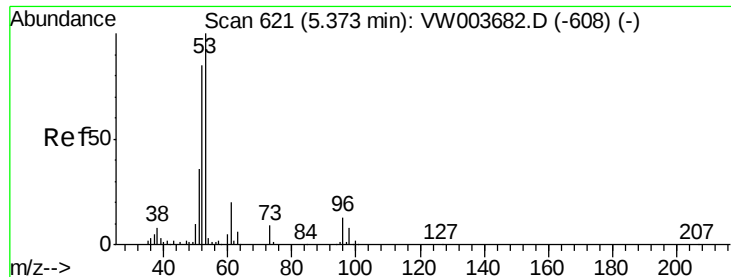
Ion Ratio Lower Upper

41 100

39 74.9 60.1 90.1

76 33.5 27.2 40.8





#15

Acrylonitrile

Concen: 90.773 ug/l

RT: 5.37 min Scan# 621

Delta R.T. -0.00 min

Lab File: VW003715.D

Acq: 05 Jul 2018 12:41

Instrument :

MSVOA_W

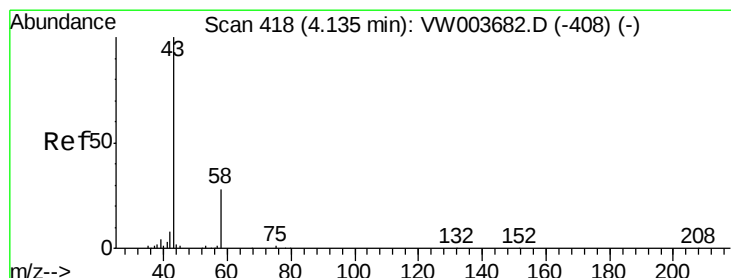
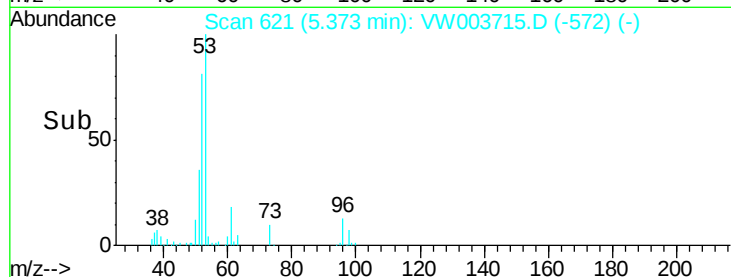
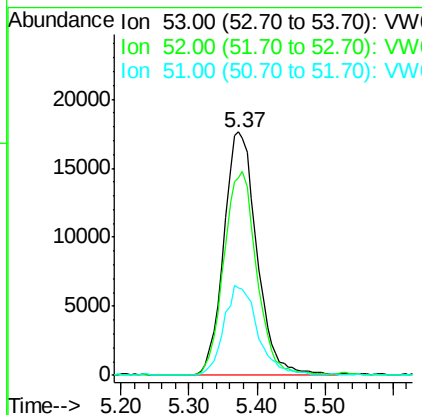
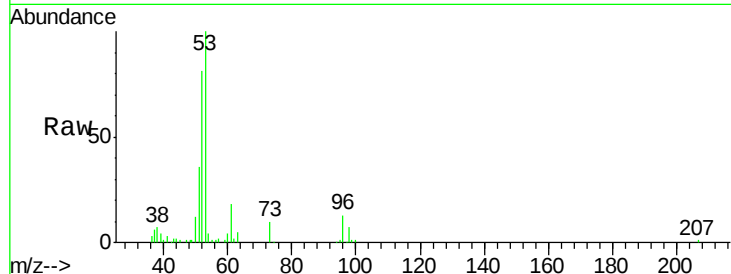
ClientSampleId :

VW0705SBS01

Tot Ion:	53	Resp:	59425
Ion	Ratio	Lower	Upper
53	100		
52	83.1	66.8	100.2
51	37.8	30.2	45.4

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#16

Acetone

Concen: 89.196 ug/l

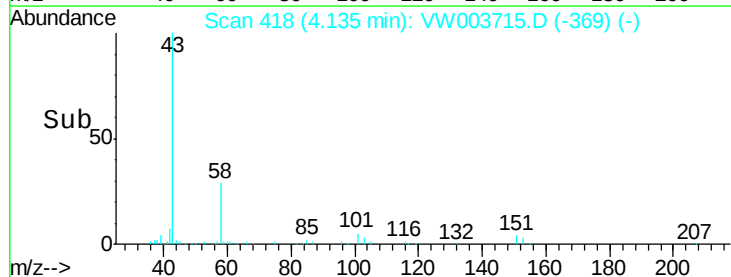
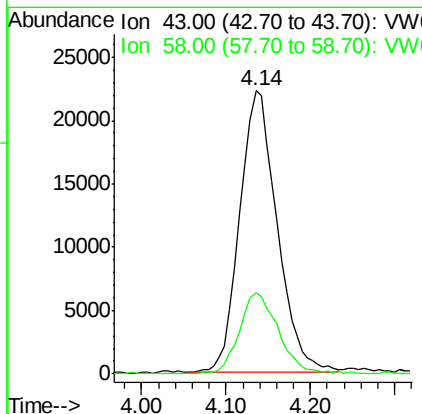
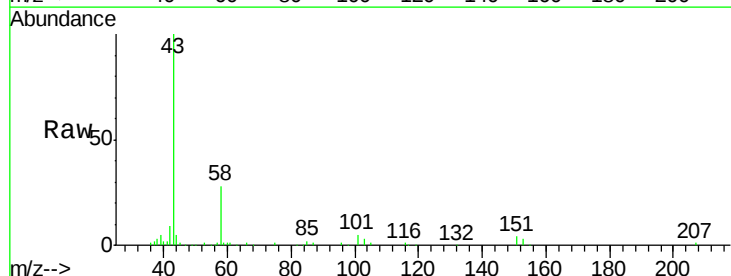
RT: 4.14 min Scan# 418

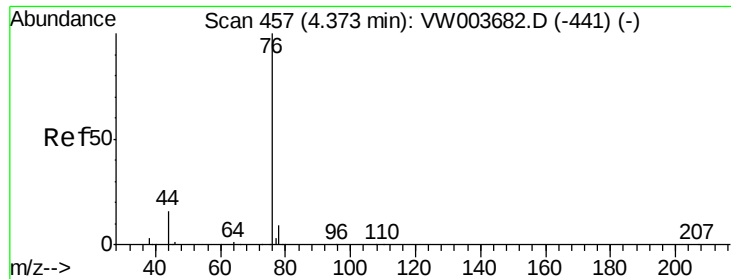
Delta R.T. -0.00 min

Lab File: VW003715.D

Acq: 05 Jul 2018 12:41

Tgt Ion:	43	Resp:	67002
Ion	Ratio	Lower	Upper
43	100		
58	28.7	22.7	34.1





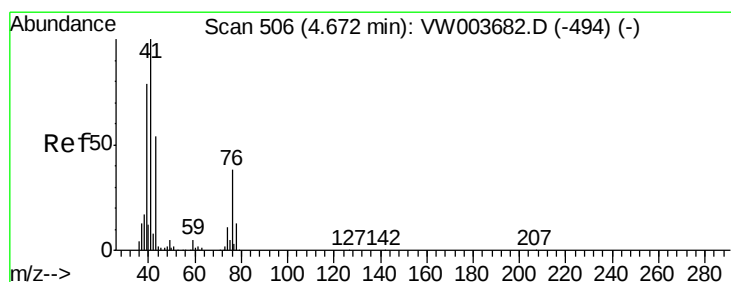
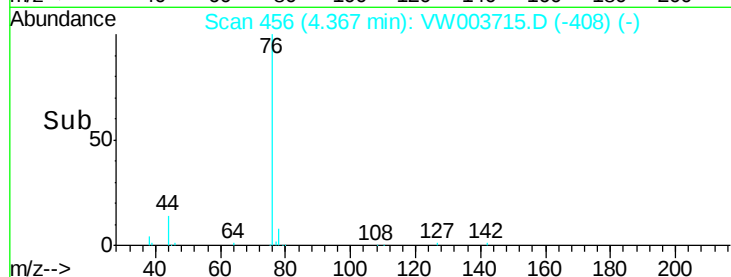
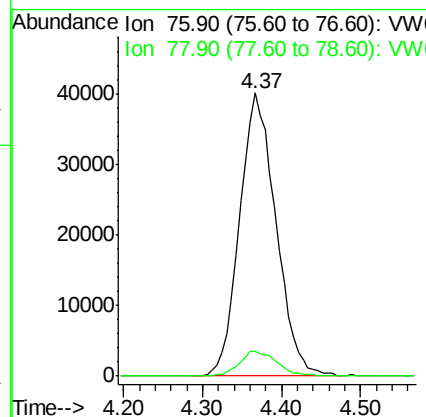
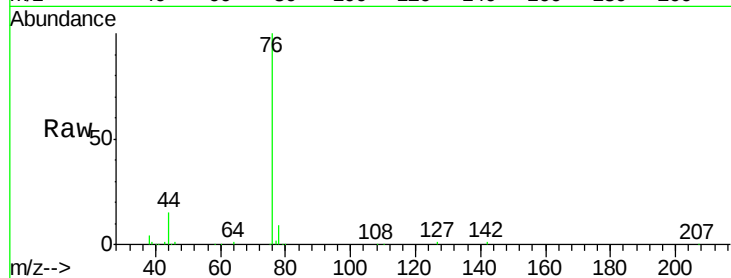
#17
Carbon Disulfide
Concen: 16.959 ug/l
RT: 4.37 min Scan# 456
Delta R.T. -0.01 min
Lab File: VW003715.D
Acq: 05 Jul 2018 12:41

Instrument :
MSVOA_W
ClientSampleId :
VW0705SBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.4	11.2

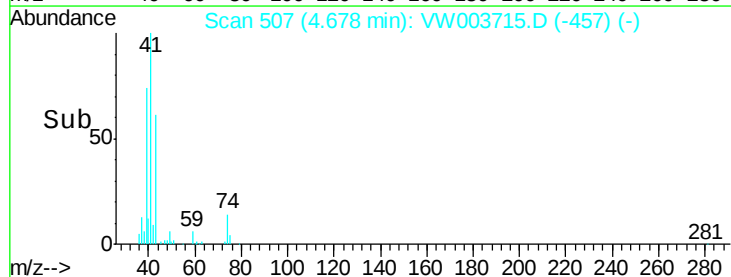
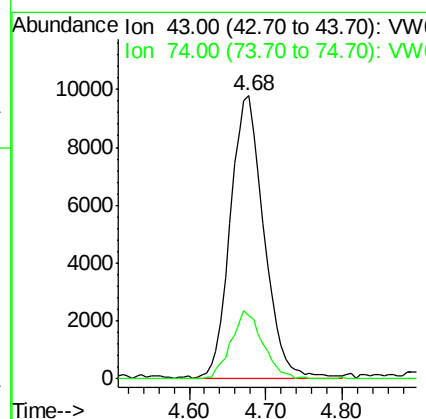
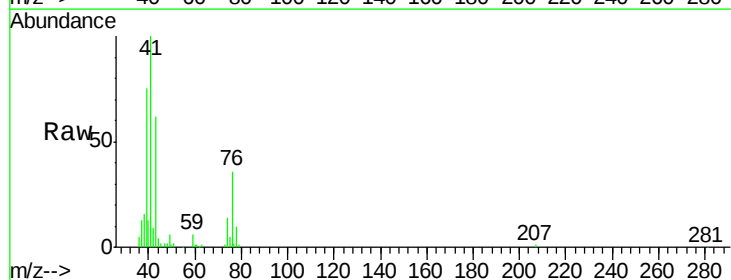
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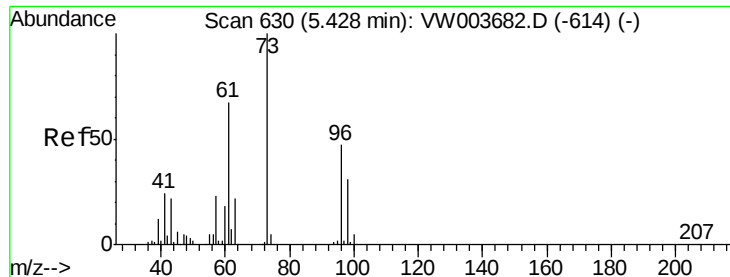
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#18
Methyl Acetate
Concen: 18.813 ug/l
RT: 4.68 min Scan# 507
Delta R.T. 0.01 min
Lab File: VW003715.D
Acq: 05 Jul 2018 12:41

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.8	18.2	27.2





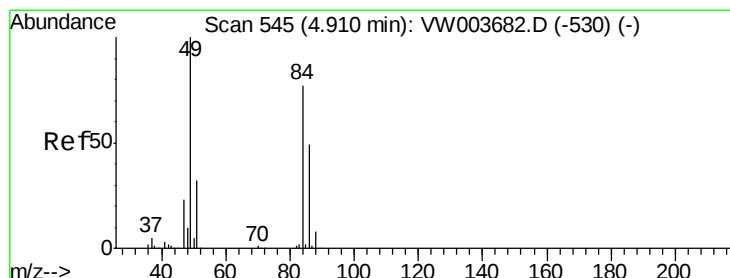
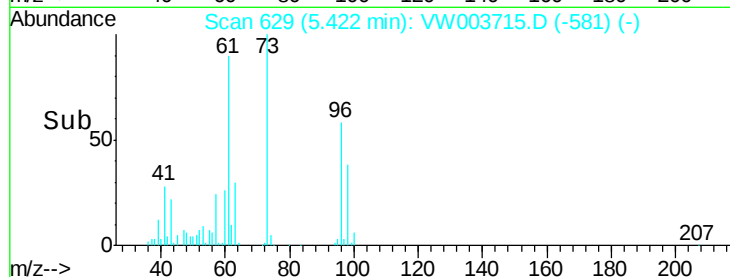
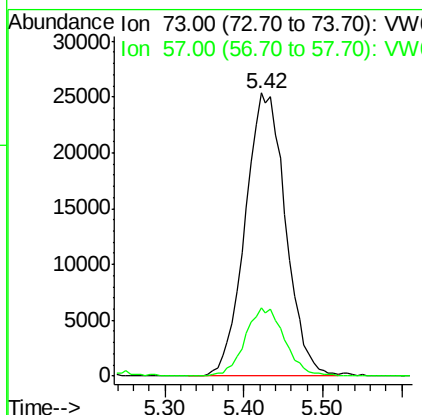
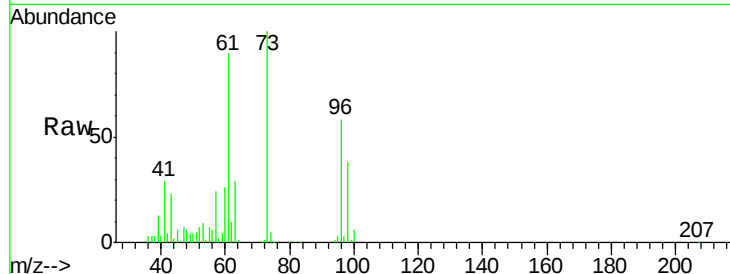
#19
Methvl tert-butvl Ether
Concen: 18.321 ug/l
RT: 5.42 min Scan# 629
Delta R.T. -0.01 min
Lab File: VW003715.D
Acq: 05 Jul 2018 12:41

Instrument :
MSVOA_W
ClientSampleId :
VW0705SBS01

Tot Ion: 73 Resp: 90425
Ion Ratio Lower Upper
73 100
57 24.0 18.1 27.1

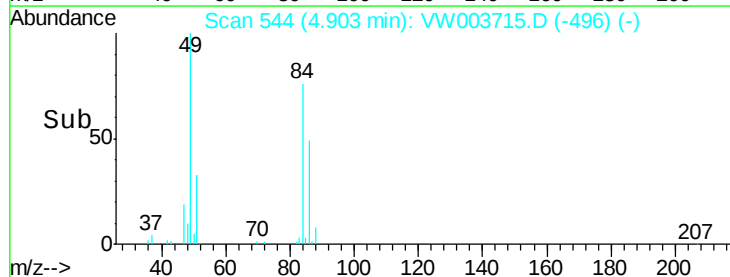
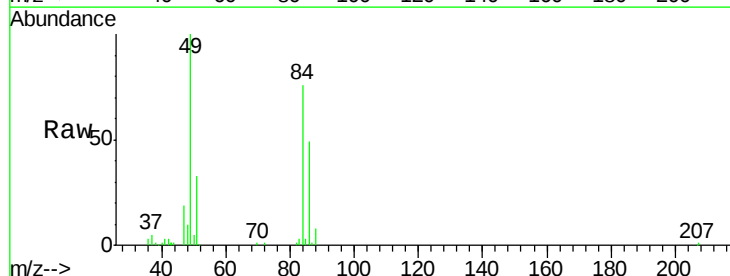
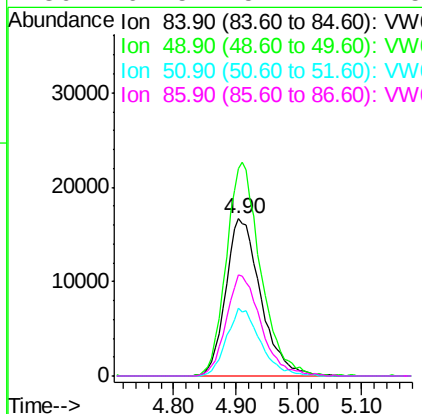
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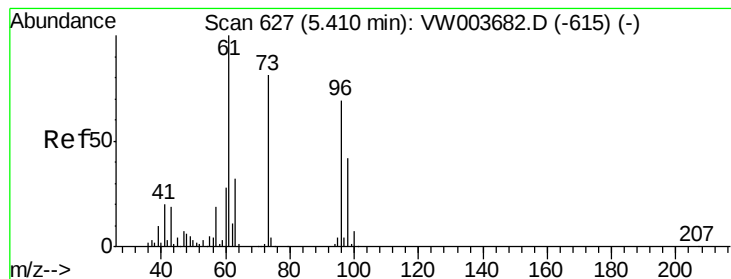
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#20
Methylene Chloride
Concen: 20.349 ug/l
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW003715.D
Acq: 05 Jul 2018 12:41

Tgt Ion: 84 Resp: 64252
Ion Ratio Lower Upper
84 100
49 131.6 104.6 156.8
51 42.8 33.2 49.8
86 64.5 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 18.024 ug/l

RT: 5.41 min Scan# 627

Delta R.T. -0.00 min

Lab File: VW003715.D

Acq: 05 Jul 2018 12:41

Instrument :

MSVOA_W

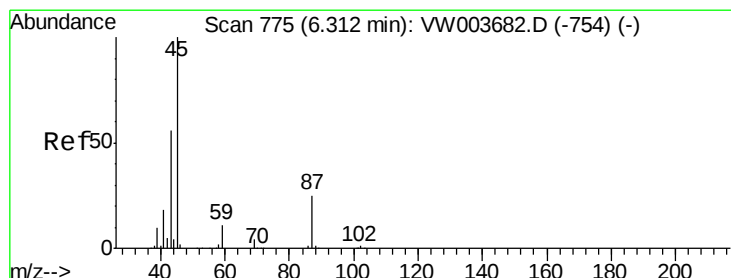
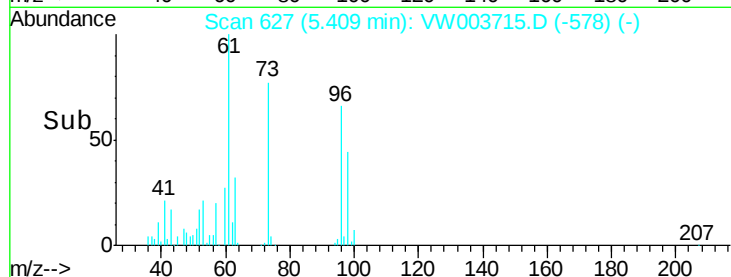
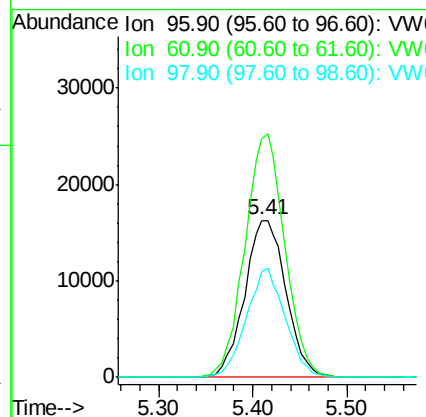
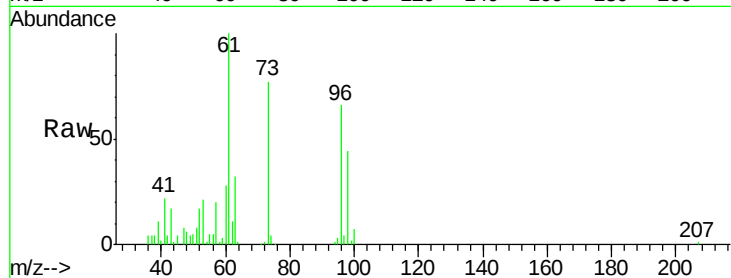
ClientSampleId :

VW0705SBS01

Tot Ion:	96	Resp:	49878
Ion	Ratio	Lower	Upper
96	100		
61	152.4	116.8	175.2
98	67.1	49.6	74.4

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#22

Diisopropyl ether

Concen: 19.151 ug/l

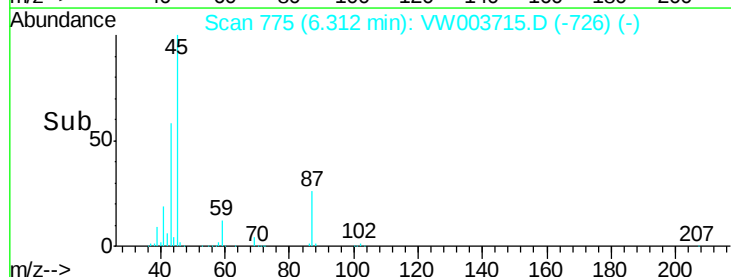
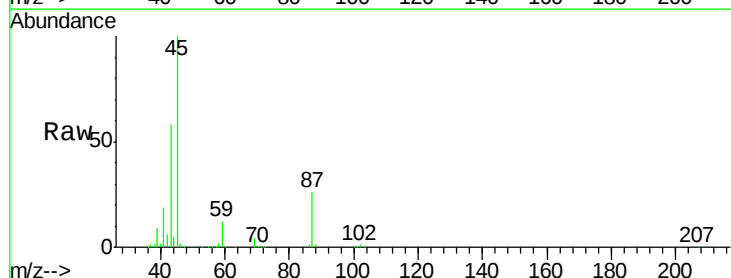
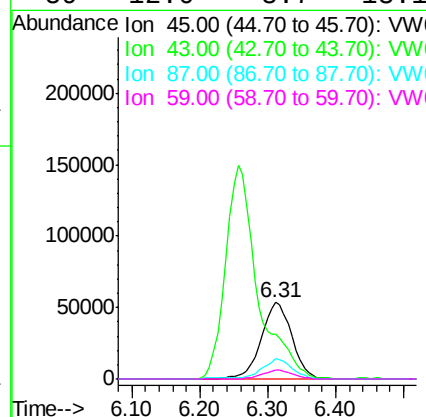
RT: 6.31 min Scan# 775

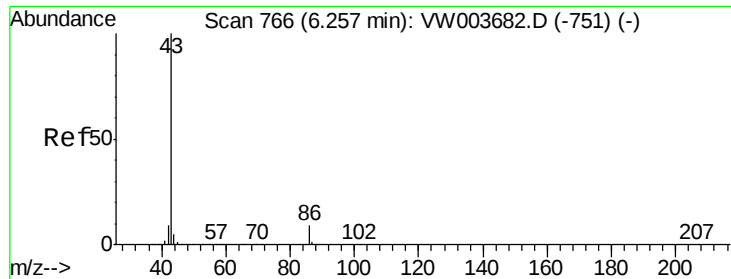
Delta R.T. -0.00 min

Lab File: VW003715.D

Acq: 05 Jul 2018 12:41

Tgt Ion:	45	Resp:	169676
Ion	Ratio	Lower	Upper
45	100		
43	57.7	44.5	66.7
87	26.0	20.2	30.4
59	12.0	8.7	13.1





#23

Vinyl Acetate

Concen: 90.942 ug/l

RT: 6.26 min Scan# 766

Delta R.T. 0.00 min

Lab File: VW003715.D

Acq: 05 Jul 2018 12:41

Instrument :

MSVOA_W

ClientSampleId :

VW0705SBS01

Tot Ion: 43 Resp: 490213

Ion Ratio Lower Upper

43 100

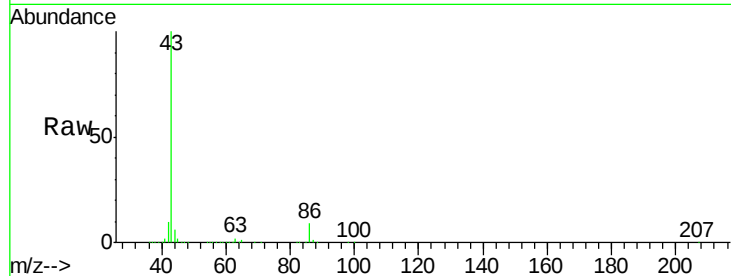
86 9.4 7.5 11.3

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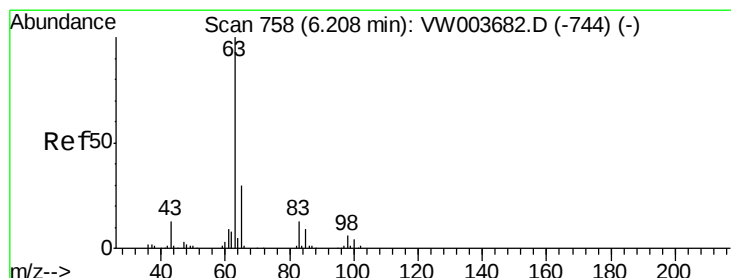
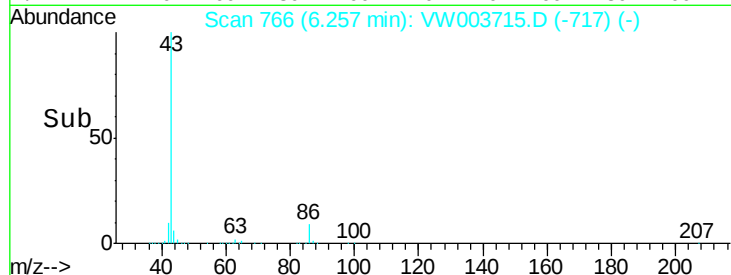
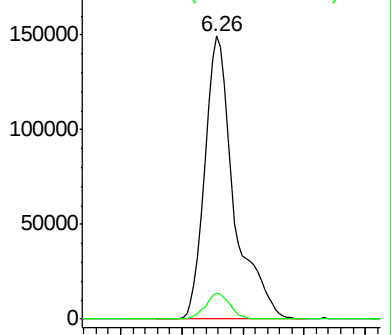
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 18.918 ug/l

RT: 6.21 min Scan# 758

Delta R.T. -0.00 min

Lab File: VW003715.D

Acq: 05 Jul 2018 12:41

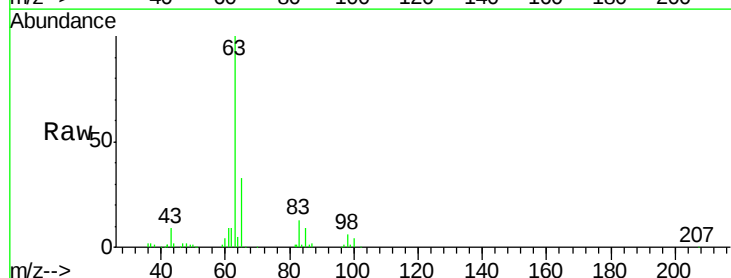
Tgt Ion: 63 Resp: 99954

Ion Ratio Lower Upper

63 100

98 5.9 2.9 8.6

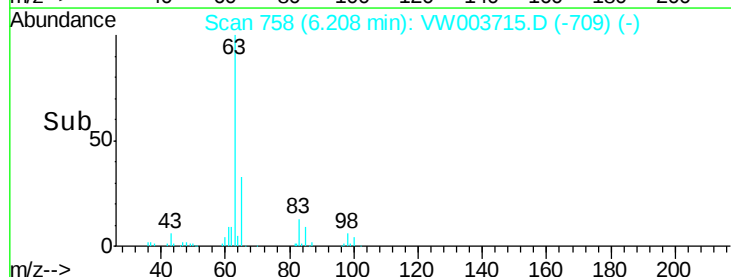
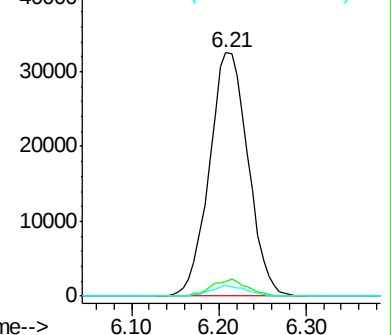
100 4.3 1.9 5.7

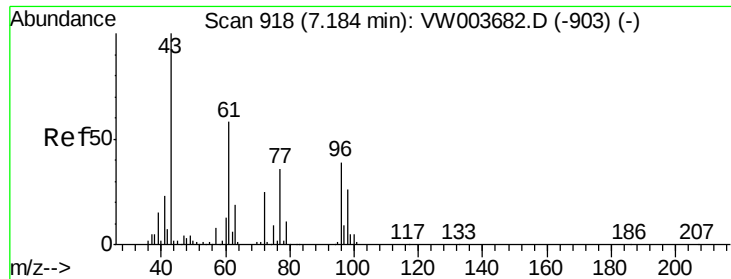


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





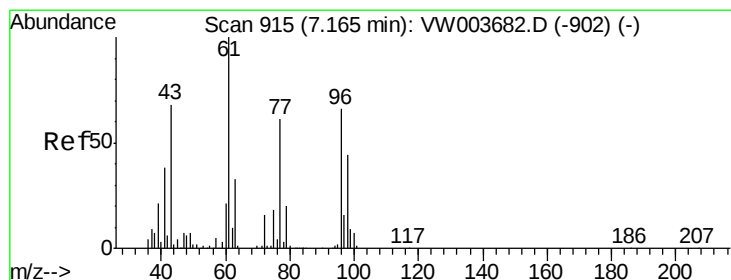
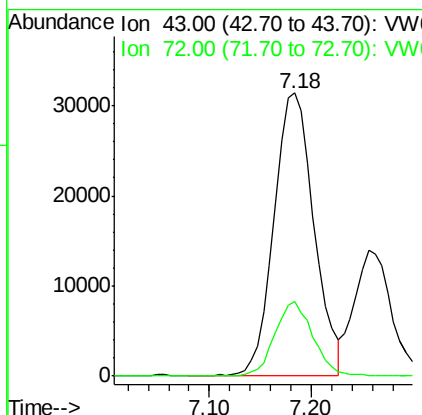
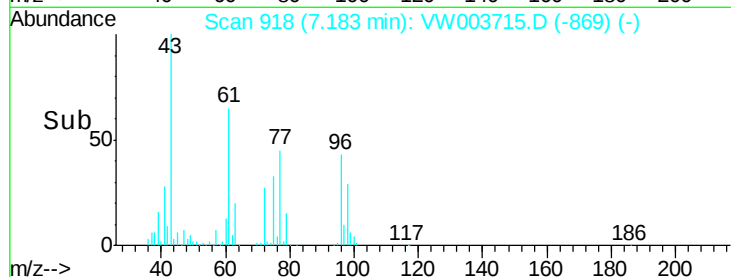
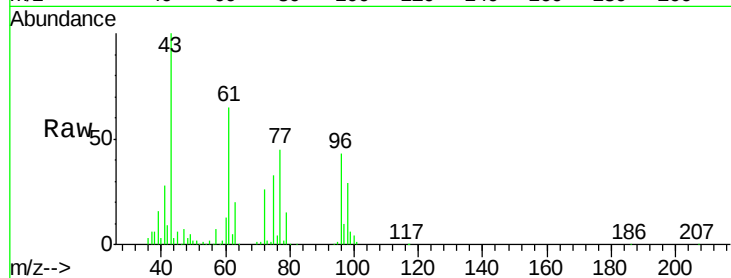
#25
2-Butanone
Concen: 89.057 ug/l
RT: 7.18 min Scan# 918
Delta R.T. -0.00 min
Lab File: VW003715.D
Acq: 05 Jul 2018 12:41

Instrument :
MSVOA_W
ClientSampled :
VW0705SBS01

Tot Ion: 43 Resp: 85659
Ion Ratio Lower Upper
43 100
72 26.5 20.2 30.4

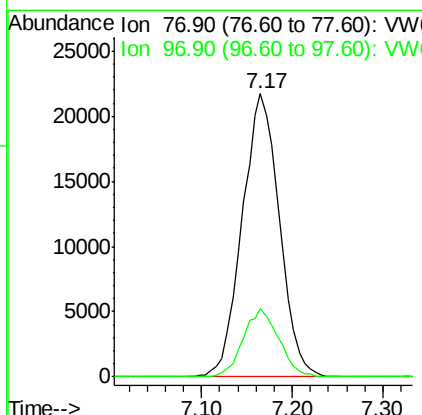
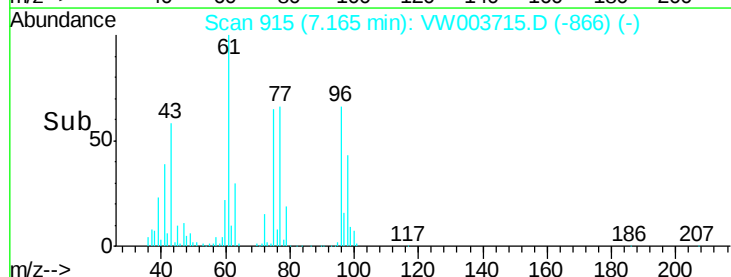
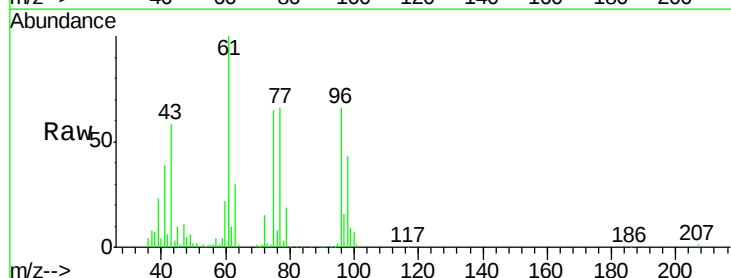
Manual Integrations
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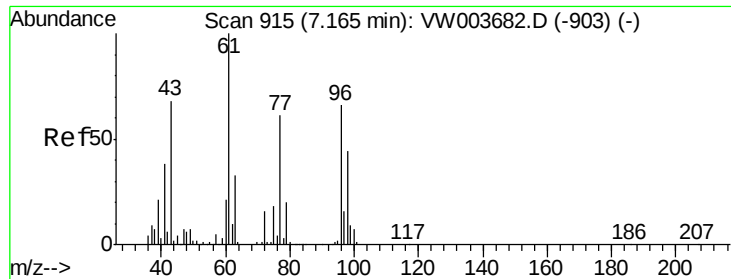
apatel
7/6/2018 10:02:08 AM



#26
2,2-Dichloropropane
Concen: 19.042 ug/l
RT: 7.17 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW003715.D
Acq: 05 Jul 2018 12:41

Tgt Ion: 77 Resp: 61688
Ion Ratio Lower Upper
77 100
97 23.0 11.7 35.1





#27

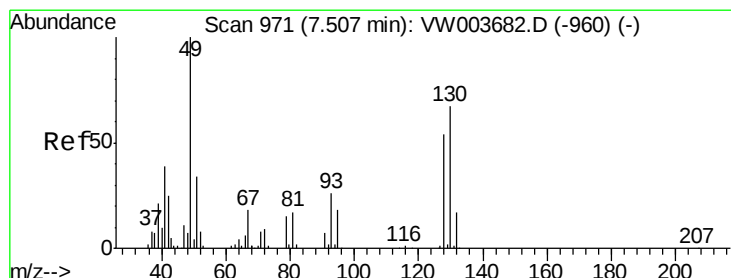
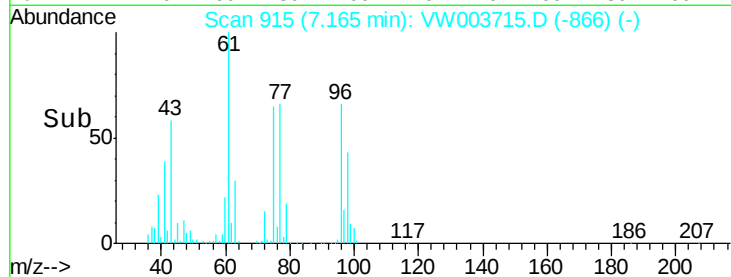
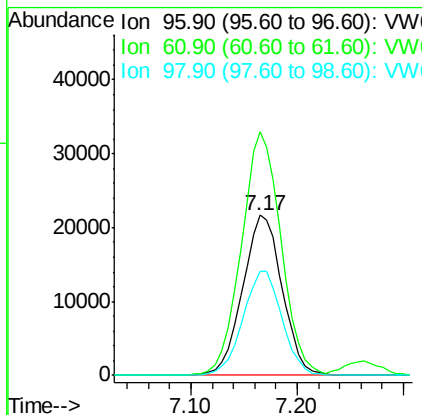
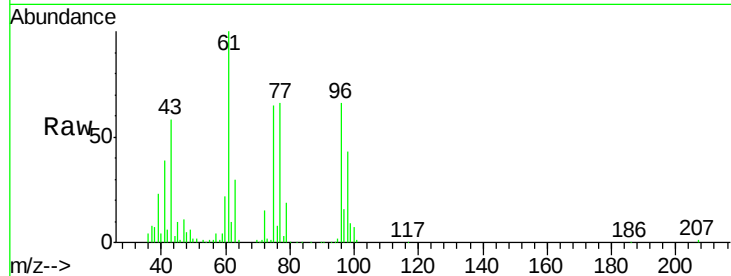
cis-1,2-Dichloroethene
Concen: 18.711 ug/l
RT: 7.17 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW003715.D
Acq: 05 Jul 2018 12:41

Instrument :
MSVOA_W
ClientSampled :
VW0705SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	152.4	0.0	305.0
98	64.5	0.0	129.6

Manual Integrations
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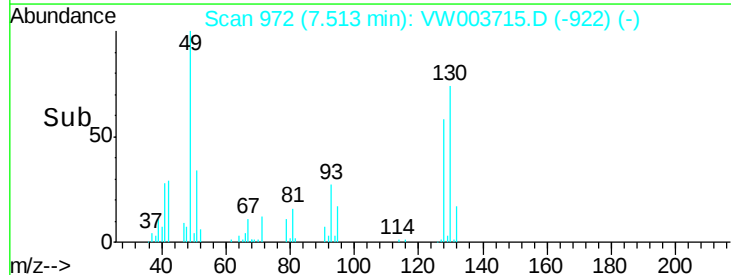
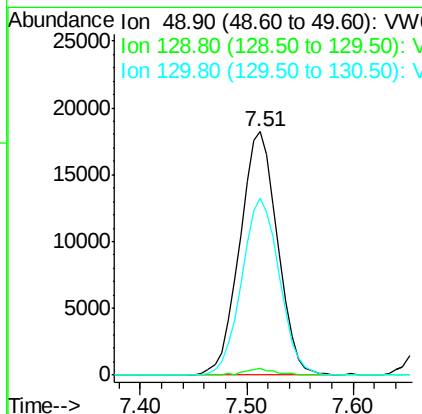
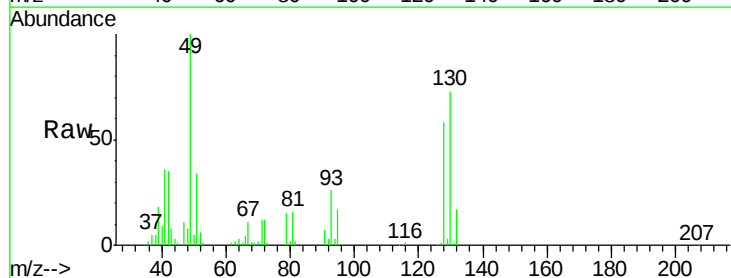
apatel
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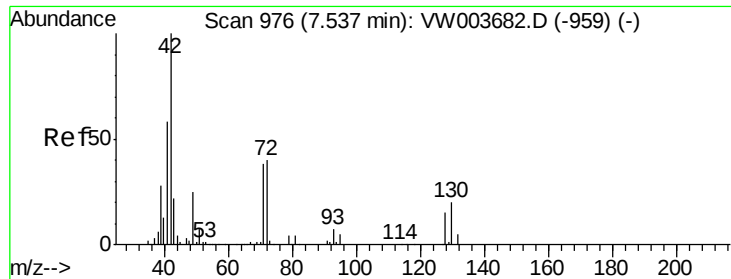


#28

Bromochloromethane
Concen: 19.516 ug/l
RT: 7.51 min Scan# 972
Delta R.T. 0.01 min
Lab File: VW003715.D
Acq: 05 Jul 2018 12:41

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	3.0
130	72.6	57.0	85.6





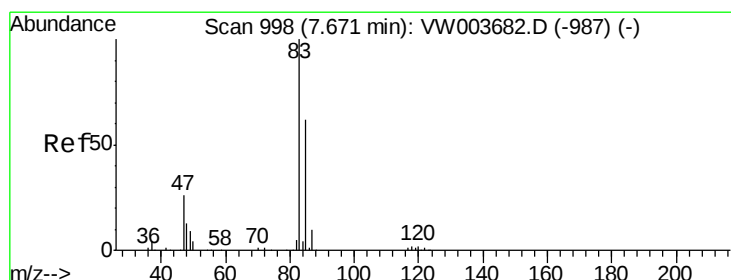
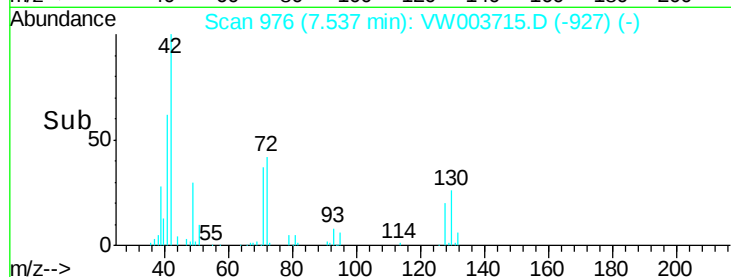
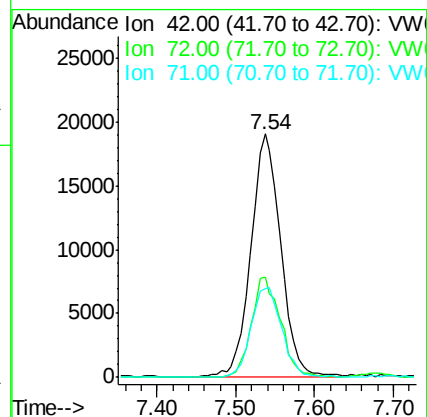
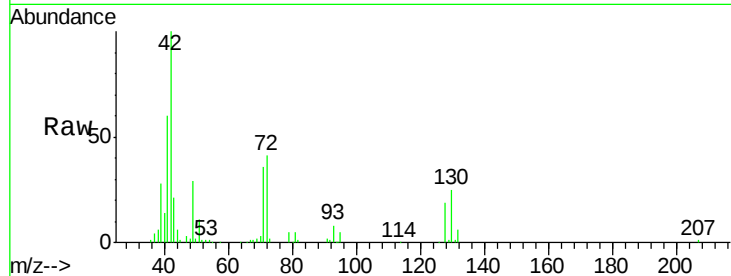
#29
Tetrahydrofuran
Concen: 87.407 ug/l
RT: 7.54 min Scan# 976
Delta R.T. -0.00 min
Lab File: VW003715.D
Acq: 05 Jul 2018 12:41

Instrument :
MSVOA_W
ClientSampleId :
VW0705SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.0	32.0	48.0
71	37.8	30.2	45.2

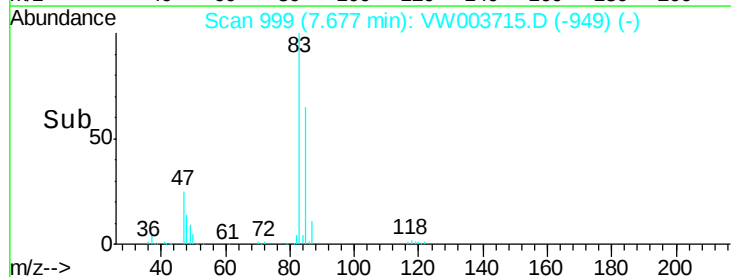
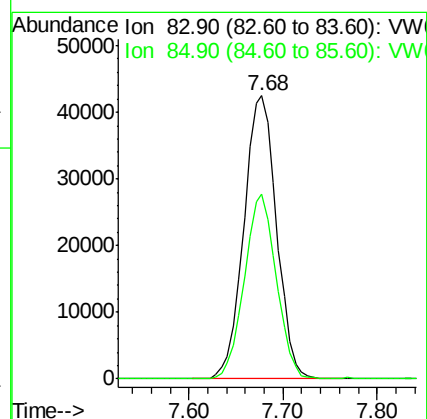
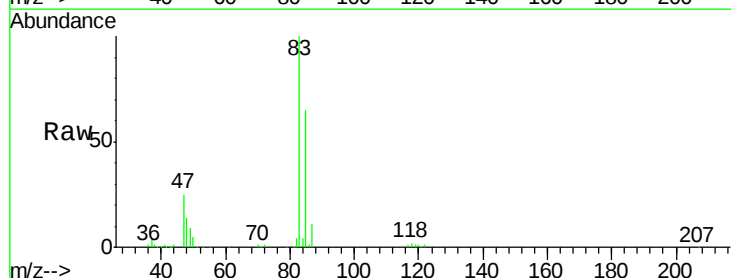
Manual Integrations
APPROVED

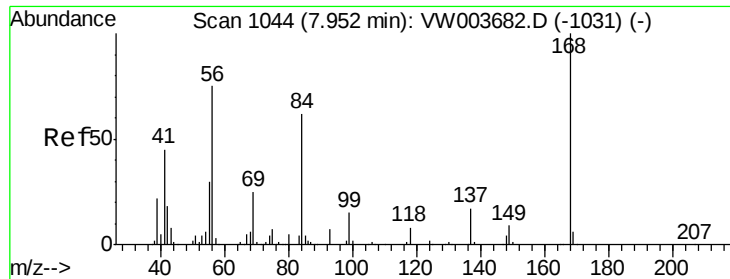
apatel
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#30
Chloroform
Concen: 19.251 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.01 min
Lab File: VW003715.D
Acq: 05 Jul 2018 12:41

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.2	49.7	74.5





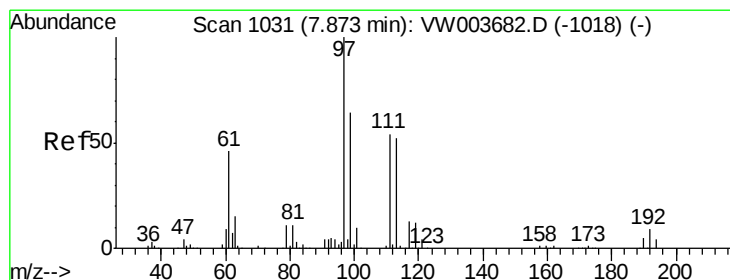
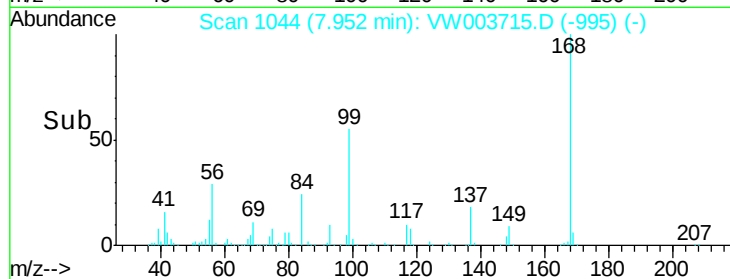
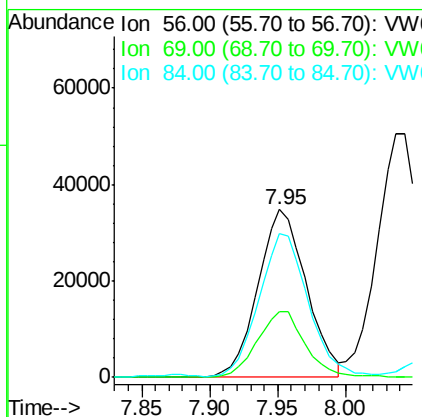
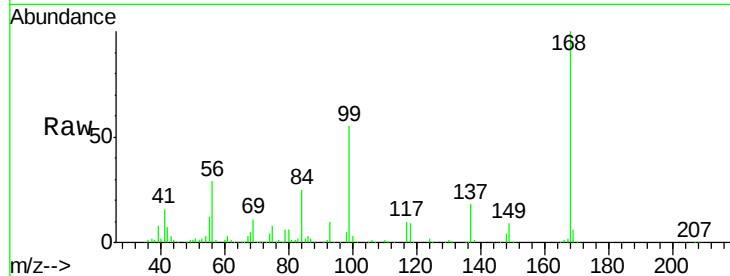
#31
Cyclohexane
Concen: 17.994 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.00 min
Lab File: VW003715.D
Acq: 05 Jul 2018 12:41

Instrument :
MSVOA_W
ClientSampleId :
VW0705SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	39.3	27.0	40.4
84	84.4	65.4	98.0

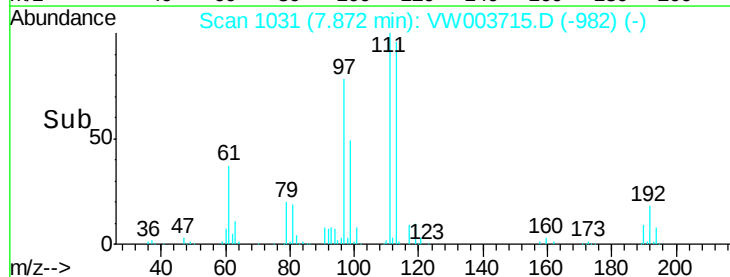
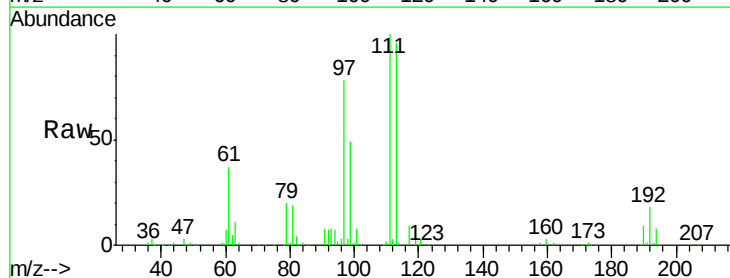
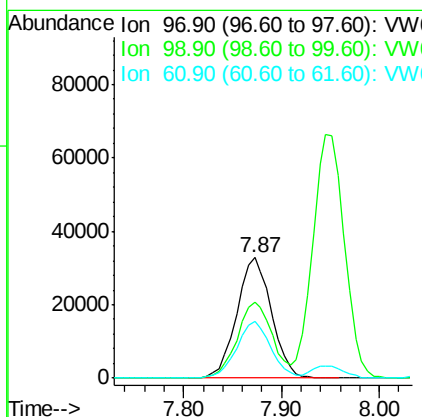
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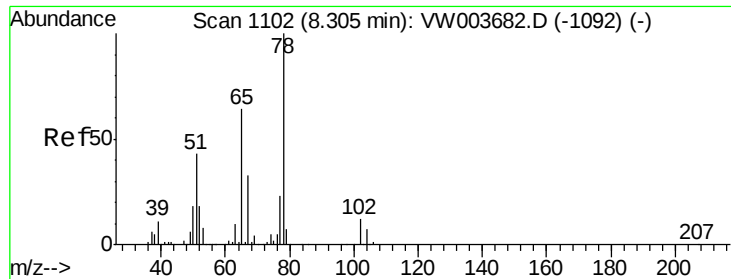
apatel
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#32
1,1,1-Trichloroethane
Concen: 19.346 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VW003715.D
Acq: 05 Jul 2018 12:41

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	50.6	76.0
61	46.2	37.2	55.8





#33

1,2-Dichloroethane-d4

Concen: 47.746 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. -0.00 min

Lab File: VW003715.D

Acq: 05 Jul 2018 12:41

Instrument :

MSVOA_W

ClientSampleId :

VW0705SBSD01

Tot Ion: 65 Resp: 150250

Ion Ratio Lower Upper

65 100

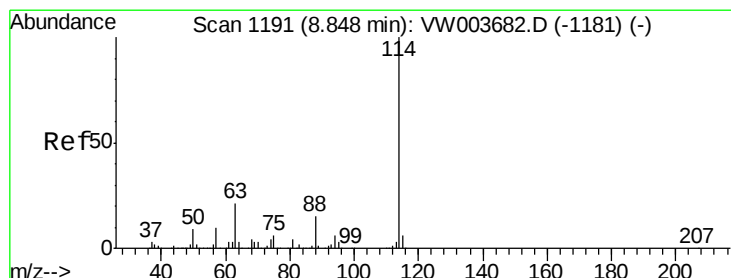
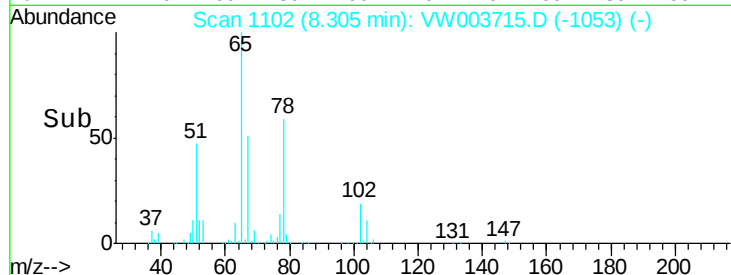
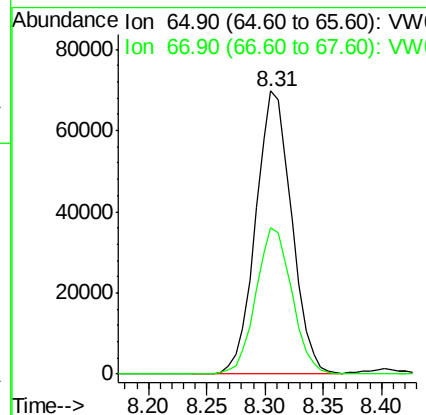
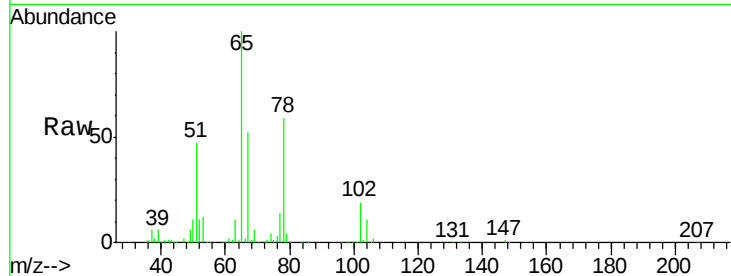
67 51.8 0.0 104.0

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. -0.00 min

Lab File: VW003715.D

Acq: 05 Jul 2018 12:41

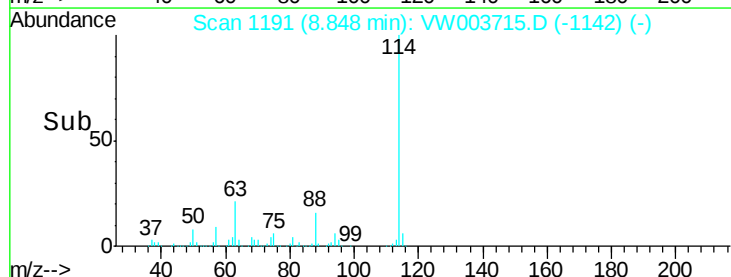
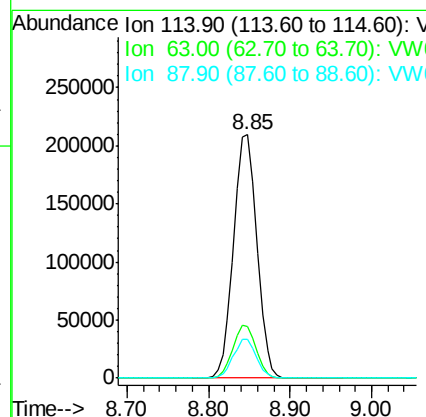
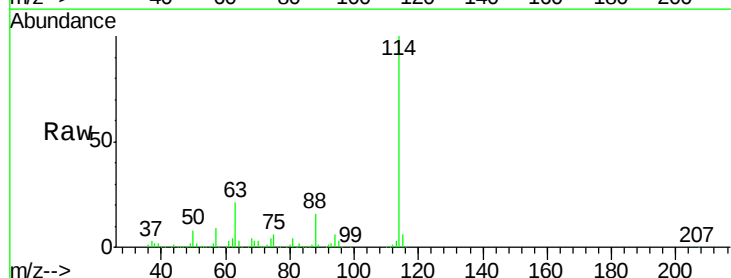
Tgt Ion: 114 Resp: 412277

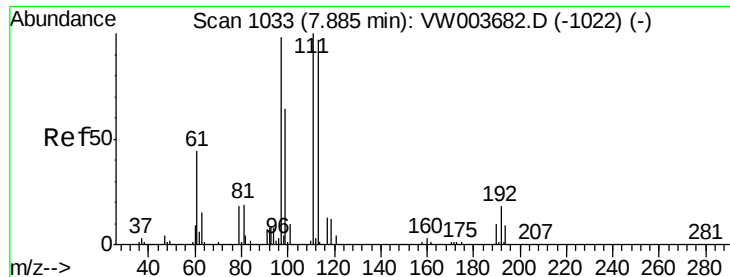
Ion Ratio Lower Upper

114 100

63 21.4 0.0 41.6

88 15.9 0.0 29.8





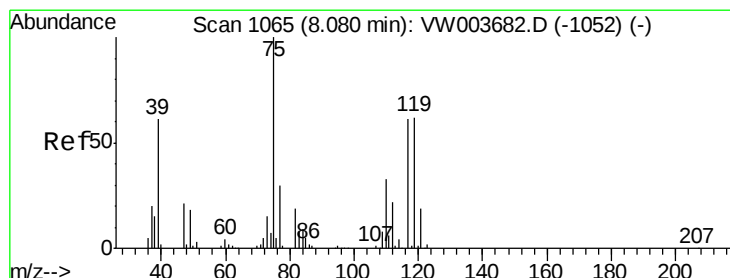
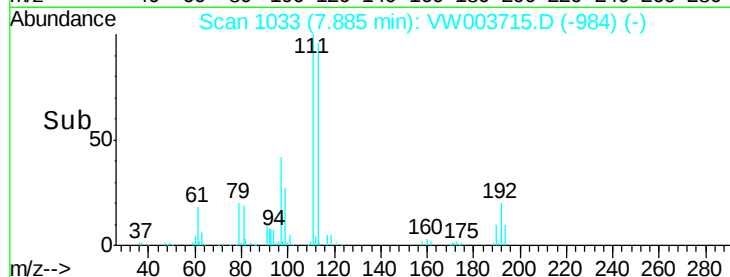
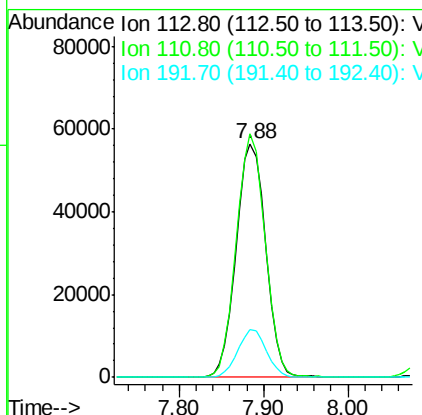
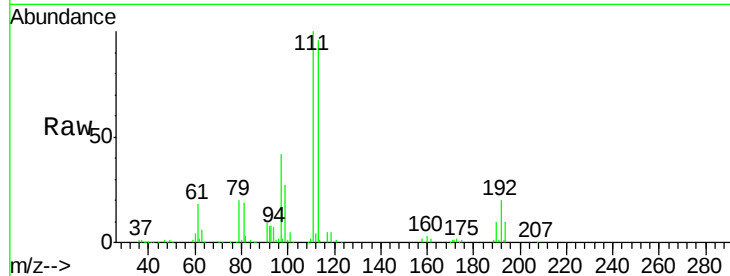
#35
 Dibromofluoromethane
 Concen: 49.695 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW003715.D
 Acq: 05 Jul 2018 12:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0705SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	101.8	82.4	123.6	
192	19.7	15.8	23.6	

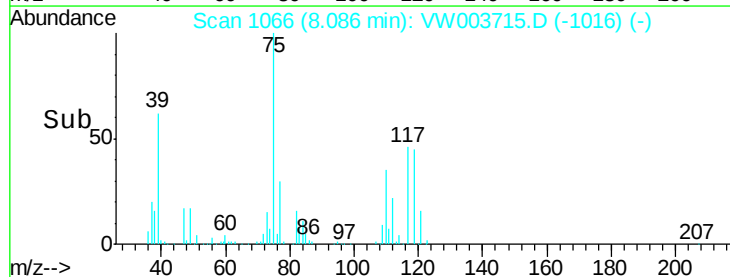
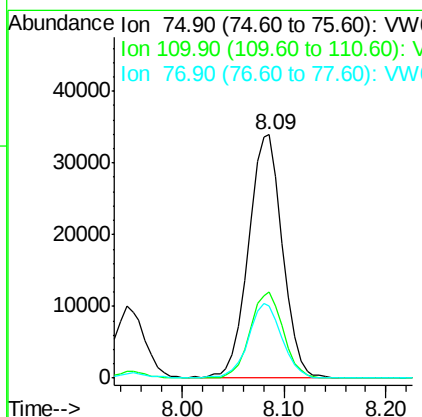
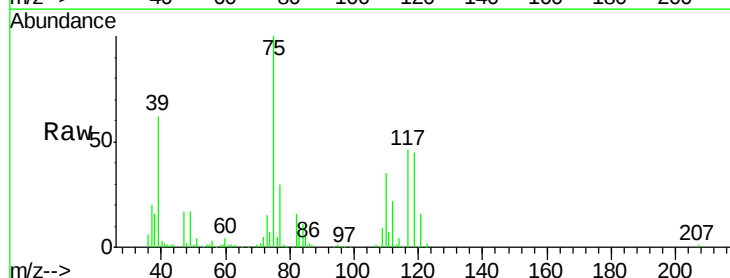
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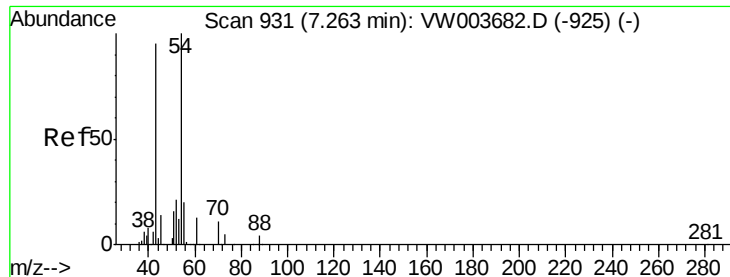
apatel
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#36
 1,1-Dichloropropene
 Concen: 19.025 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. 0.01 min
 Lab File: VW003715.D
 Acq: 05 Jul 2018 12:41

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	34.1	16.9	50.6	
77	30.7	24.9	37.3	





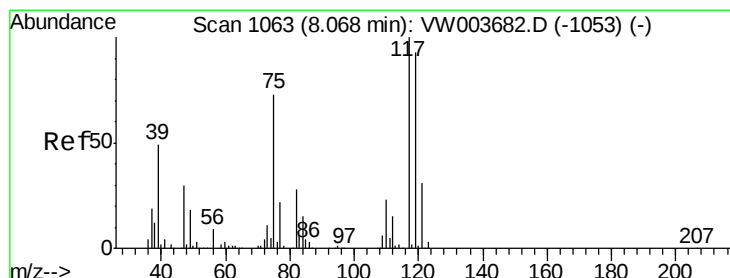
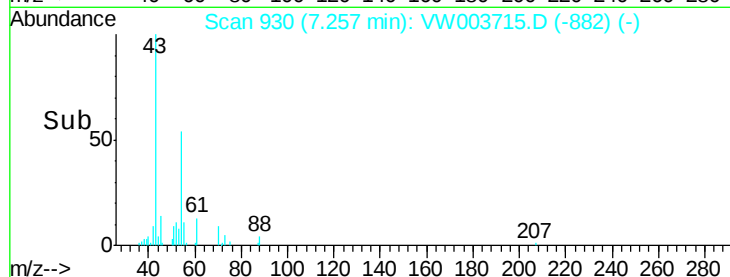
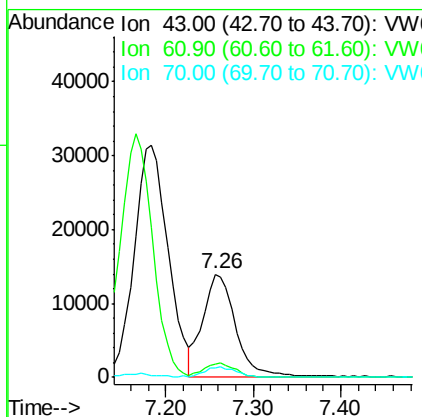
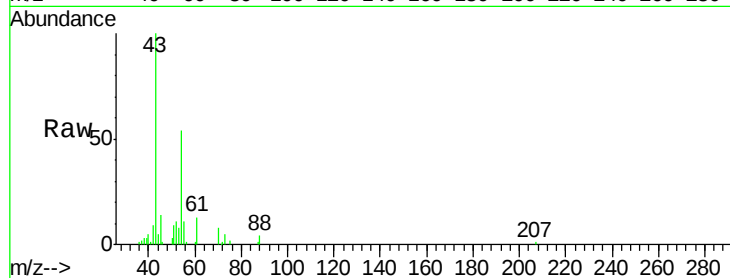
#37
Ethyl Acetate
Concen: 17.906 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.01 min
Lab File: VW003715.D
Acq: 05 Jul 2018 12:41

Instrument :
MSVOA_W
ClientSampleId :
VW0705SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.5	10.5	15.7
70	9.8	7.7	11.5

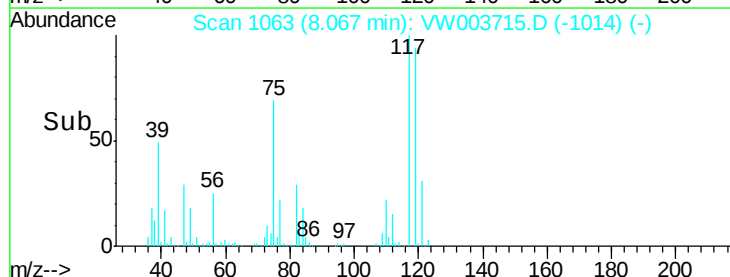
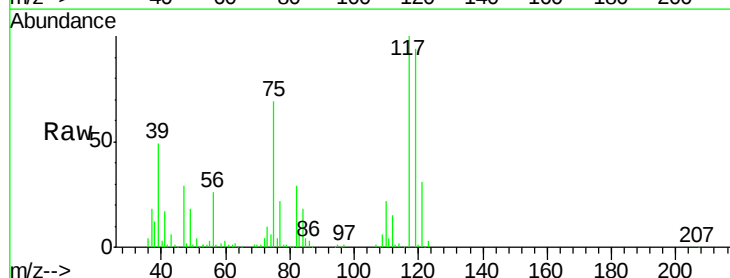
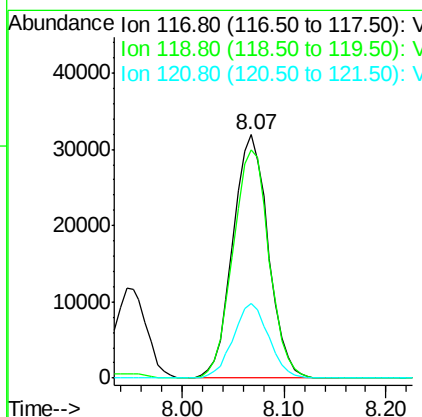
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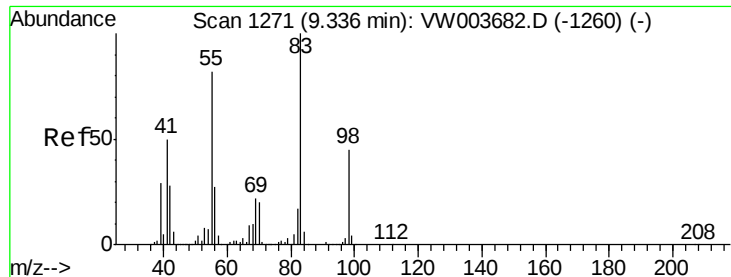
apatel
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#38
Carbon Tetrachloride
Concen: 19.553 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. -0.00 min
Lab File: VW003715.D
Acq: 05 Jul 2018 12:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.7	74.1	111.1
121	30.6	25.0	37.4





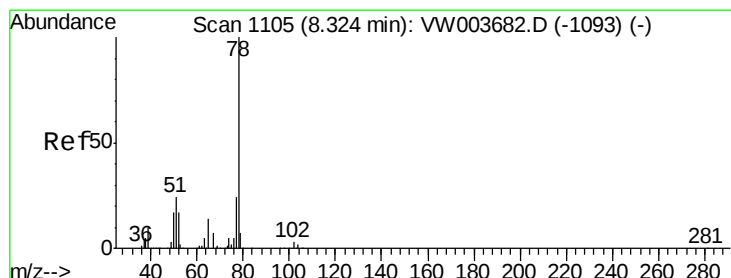
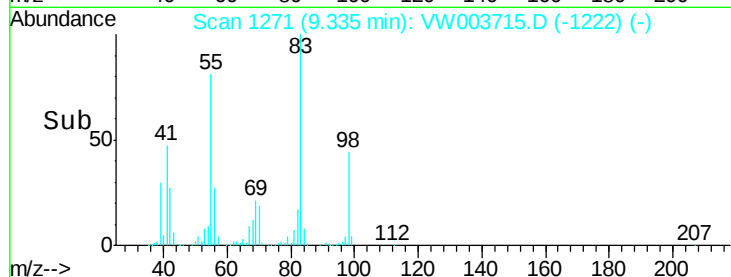
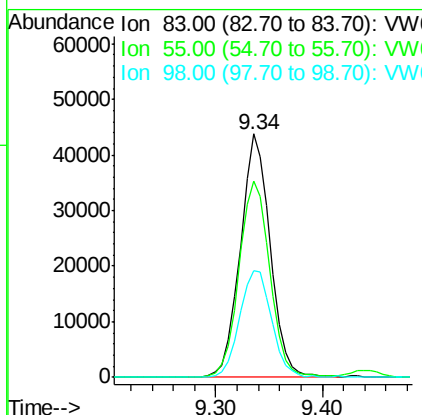
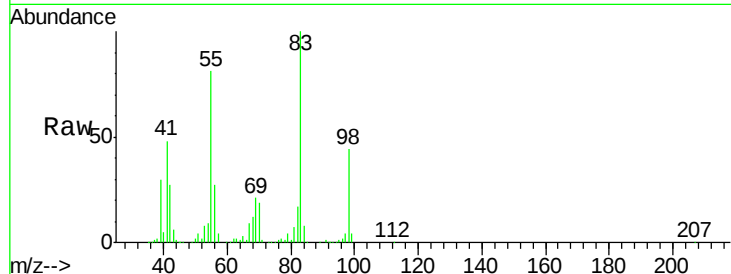
#39
Methylvlcyclohexane
Concen: 18.137 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VW003715.D
Acq: 05 Jul 2018 12:41

Instrument :
MSVOA_W
ClientSampleId :
VW0705SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.8	65.3	97.9
98	44.0	36.3	54.5

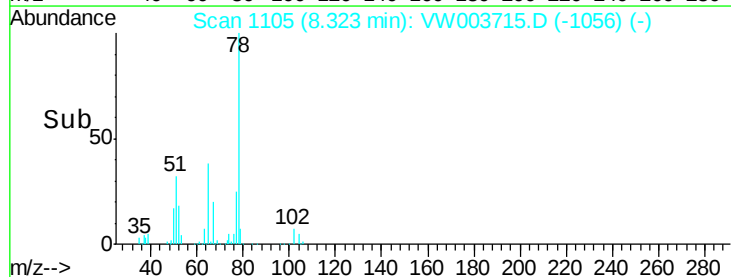
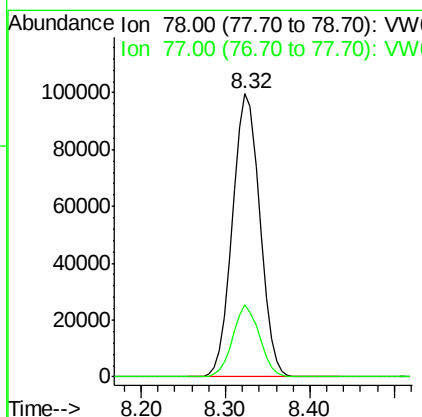
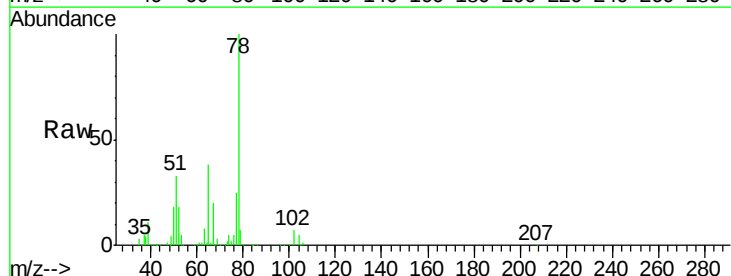
Manual Integrations
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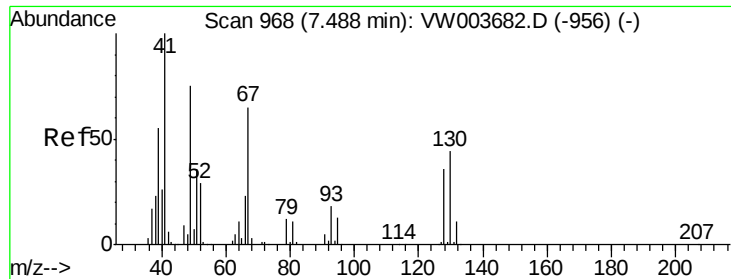
apatel
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#40
Benzene
Concen: 18.859 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VW003715.D
Acq: 05 Jul 2018 12:41

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.3	19.4	29.0





#41

Methacrylonitrile

Concen: 19.560 ug/l

RT: 7.49 min Scan# 968

Delta R.T. -0.00 min

Lab File: VW003715.D

Acq: 05 Jul 2018 12:41

Instrument :

MSVOA_W

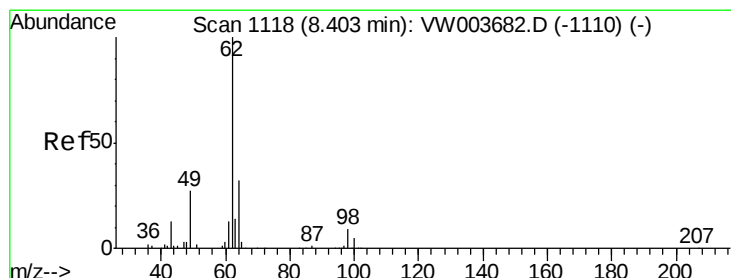
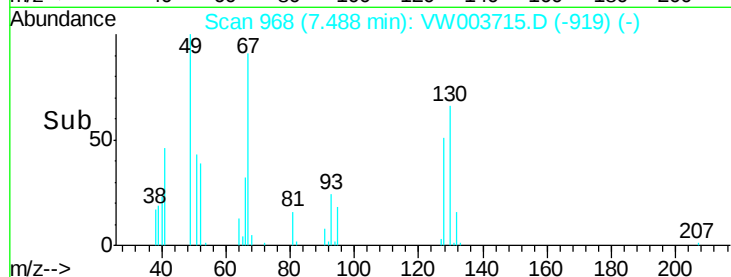
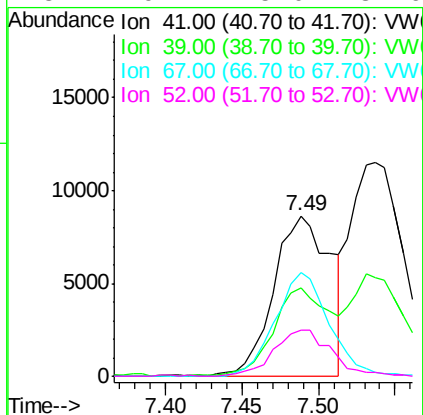
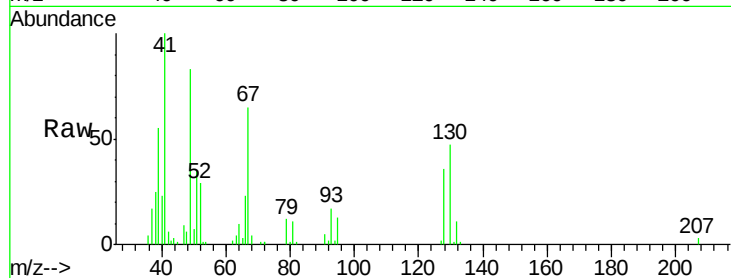
ClientSampled :

VW0705SBS01

Tot Ion:	41	Resp:	22397
Ion	Ratio	Lower	Upper
41	100		
39	53.0	47.8	71.8
67	61.1	53.9	80.9
52	29.4	25.0	37.6

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 18.884 ug/l

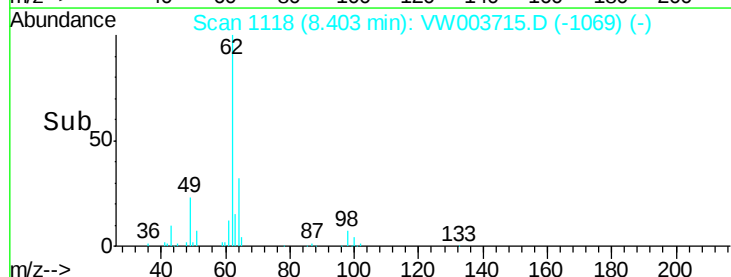
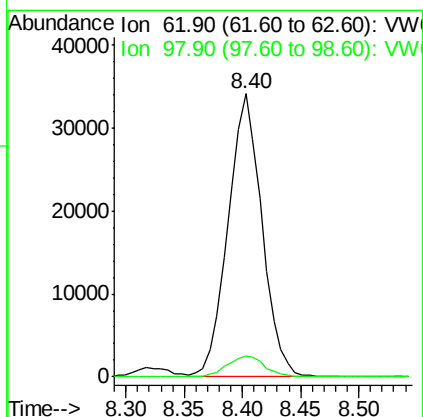
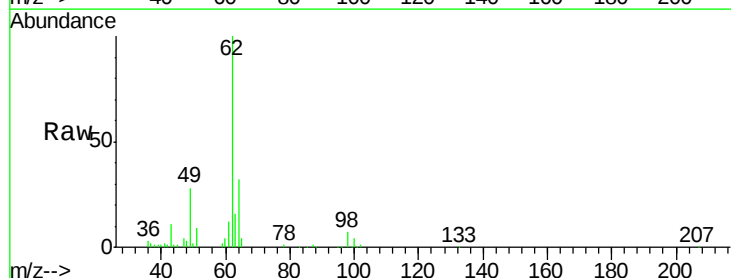
RT: 8.40 min Scan# 1118

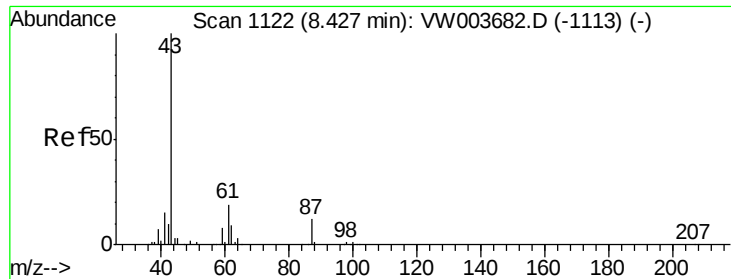
Delta R.T. -0.00 min

Lab File: VW003715.D

Acq: 05 Jul 2018 12:41

Tgt Ion:	62	Resp:	69165
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	17.2





#43

Isopropyl Acetate

Concen: 18.010 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.01 min

Lab File: VW003715.D

Acq: 05 Jul 2018 12:41

Instrument :

MSVOA_W

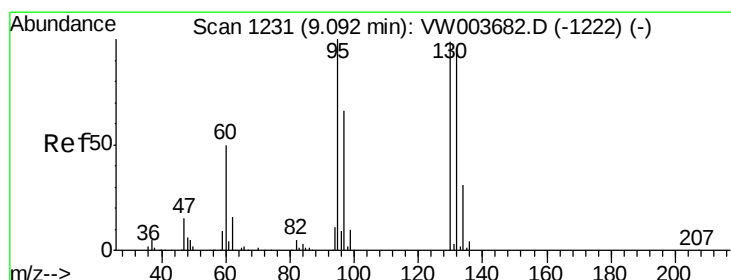
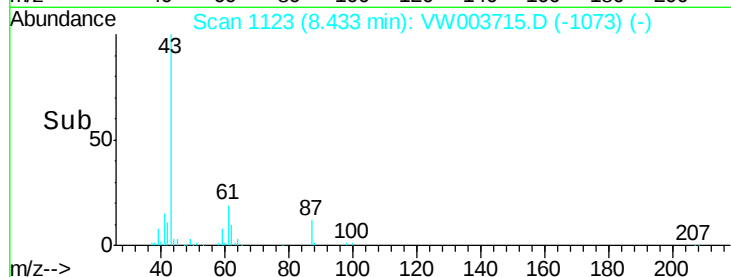
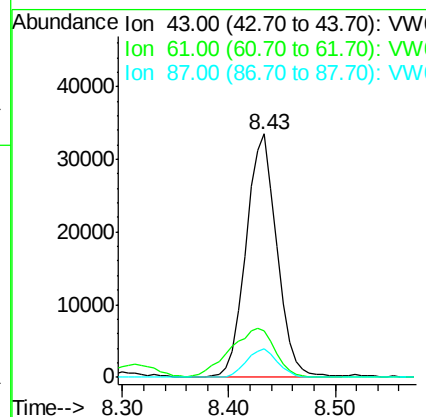
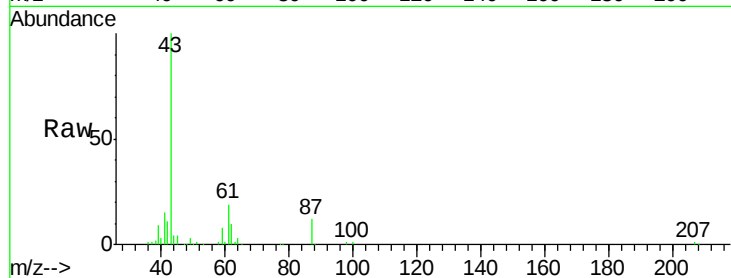
ClientSampleID :

VW0705SBS01

Tot Ion:	43	Resp:	68332
Ion Ratio	Lower	Upper	
43	100		
61	29.0	23.0	34.6
87	12.0	9.8	14.6

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#44

Trichloroethene

Concen: 18.788 ug/l

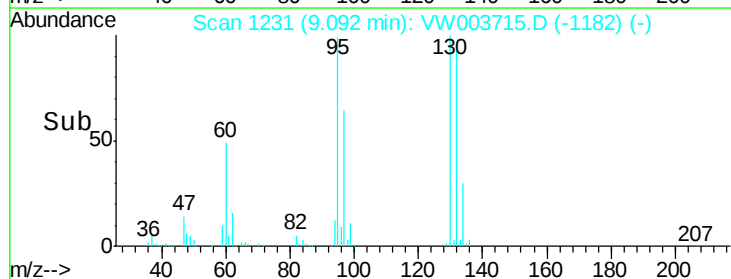
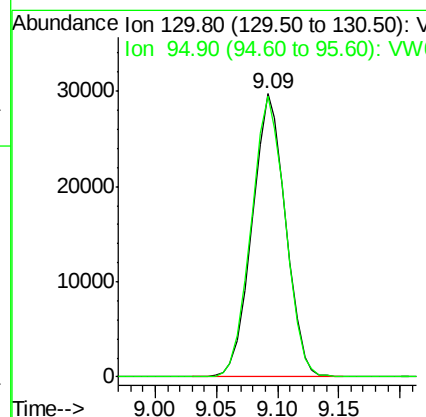
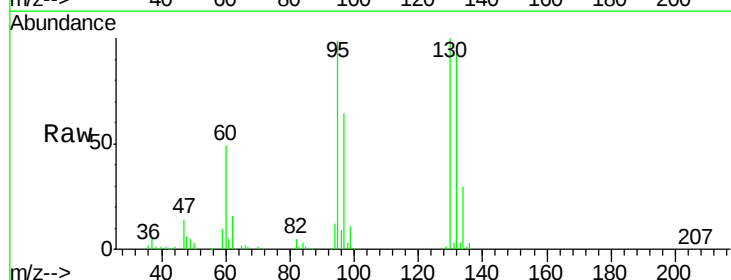
RT: 9.09 min Scan# 1231

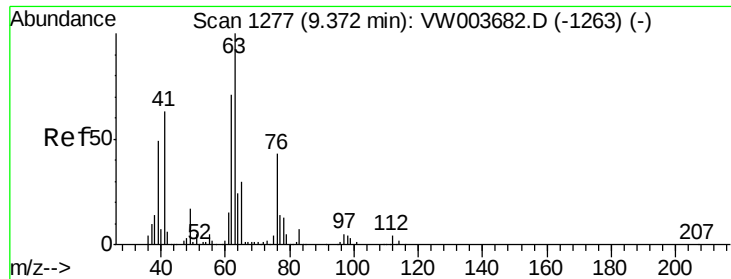
Delta R.T. -0.00 min

Lab File: VW003715.D

Acq: 05 Jul 2018 12:41

Tgt Ion:	130	Resp:	56497
Ion Ratio	Lower	Upper	
130	100		
95	99.4	0.0	202.6





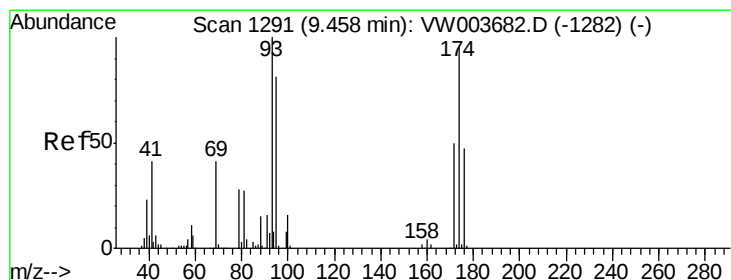
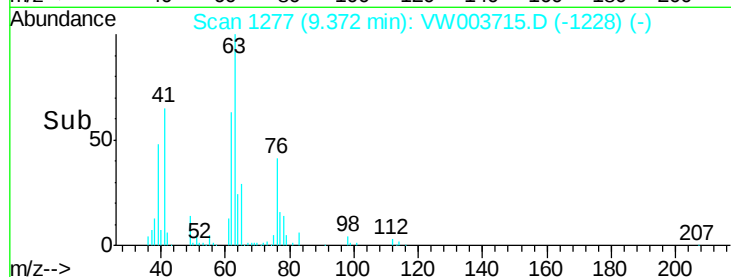
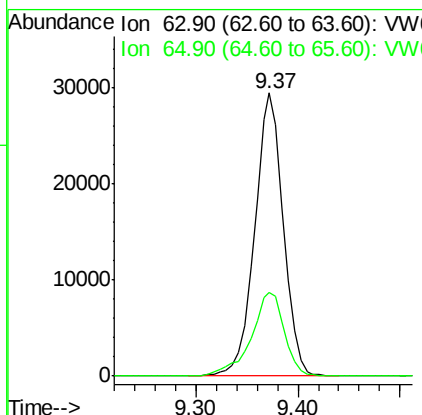
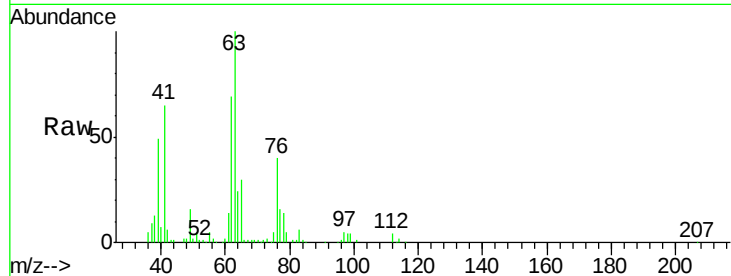
#45
 1,2-Dichloropropane
 Concen: 18.987 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VW003715.D
 Acq: 05 Jul 2018 12:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0705SBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.5	24.3	36.5

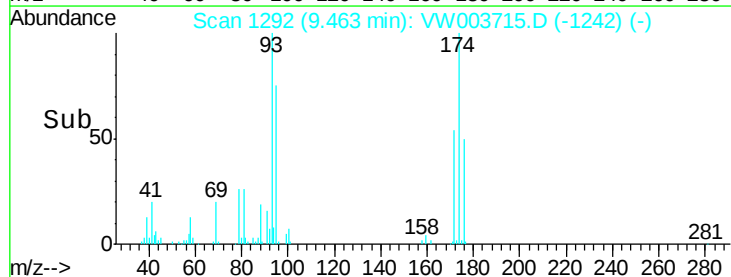
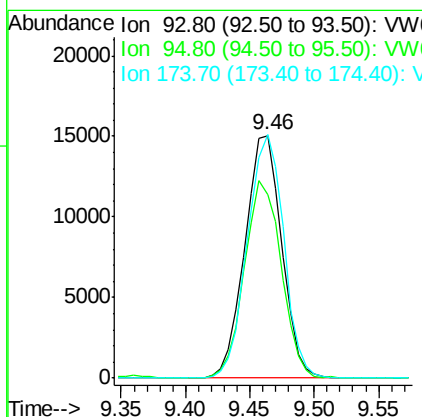
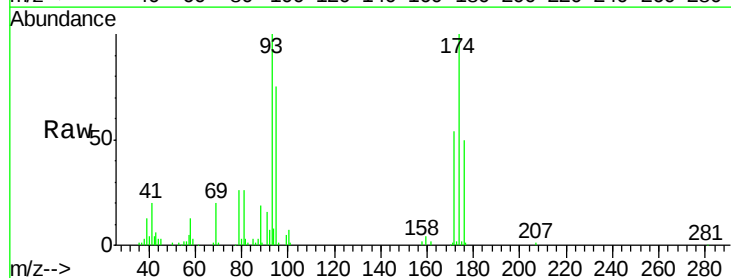
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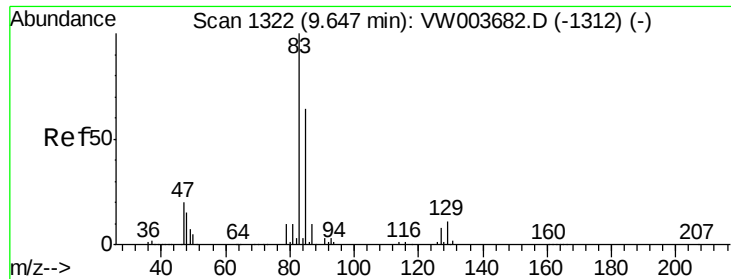
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#46
 Dibromomethane
 Concen: 18.988 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. 0.01 min
 Lab File: VW003715.D
 Acq: 05 Jul 2018 12:41

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.6	66.2	99.4
174	99.0	79.6	119.4





#47

Bromodichloromethane

Concen: 19.126 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VW003715.D

Acq: 05 Jul 2018 12:41

Instrument :

MSVOA_W

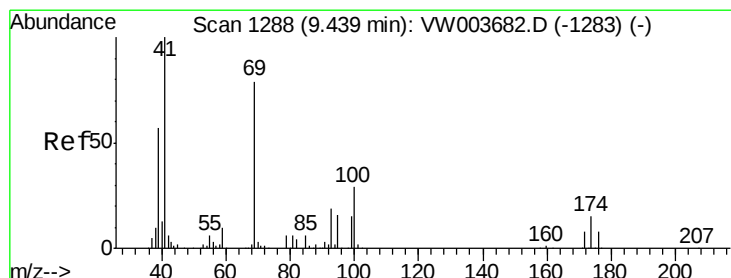
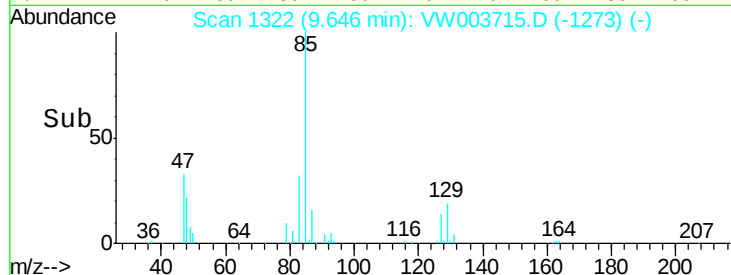
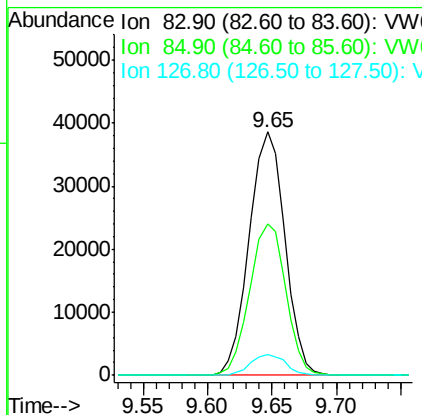
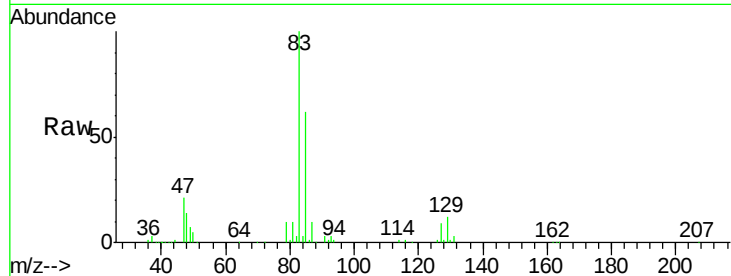
ClientSampleId :

VW0705SBS01

Tot Ion:	83	Resp:	74092
Ion Ratio	Lower	Upper	
83	100		
85	62.4	51.1	76.7
127	8.7	6.5	9.7

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#48

Methyl methacrylate

Concen: 18.072 ug/l

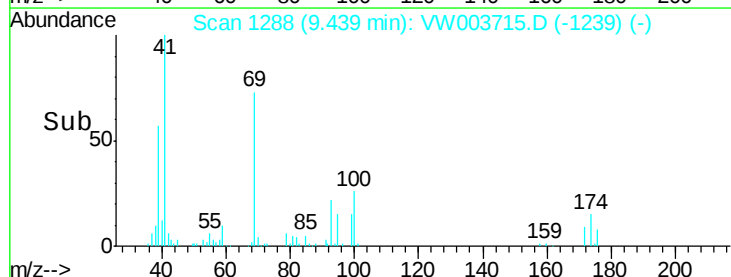
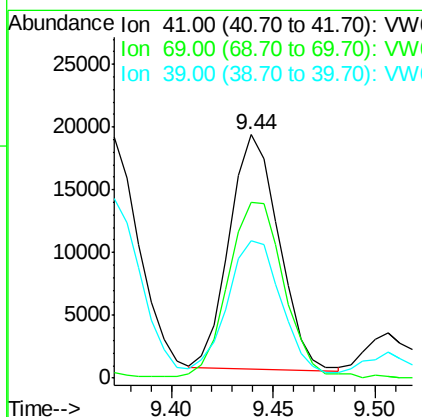
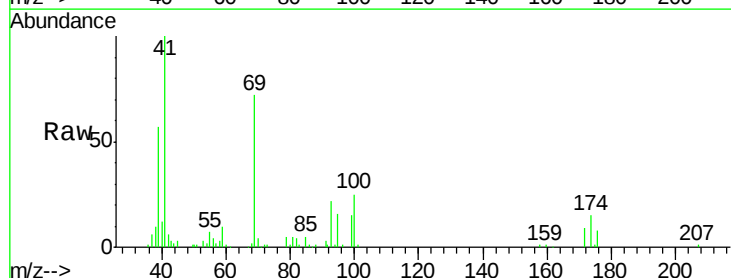
RT: 9.44 min Scan# 1288

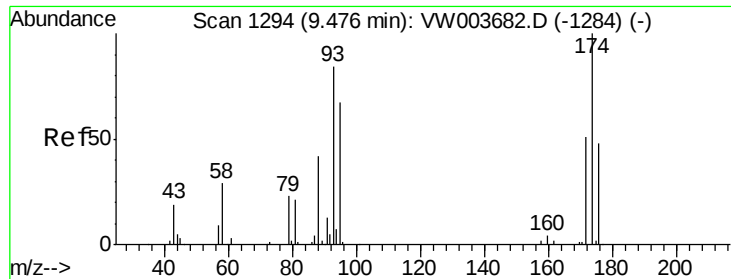
Delta R.T. 0.00 min

Lab File: VW003715.D

Acq: 05 Jul 2018 12:41

Tgt Ion:	41	Resp:	31615
Ion Ratio	Lower	Upper	
41	100		
69	85.1	65.4	98.2
39	59.2	50.0	75.0





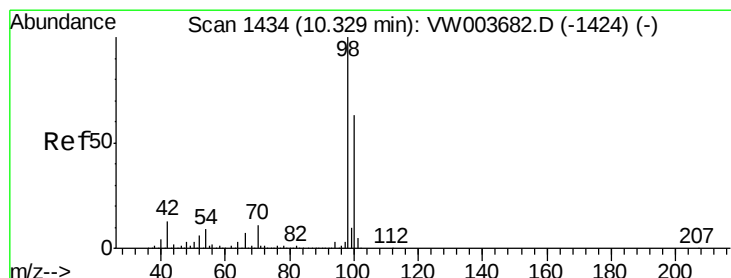
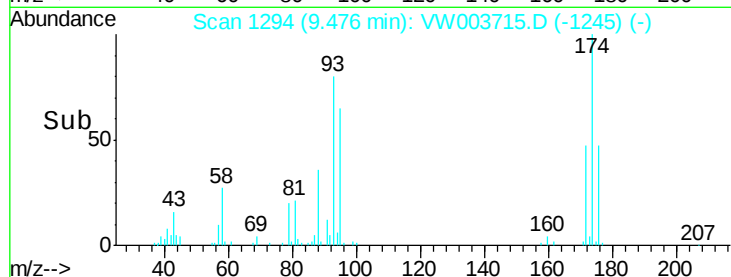
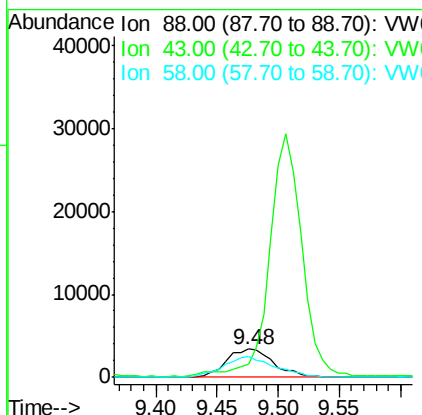
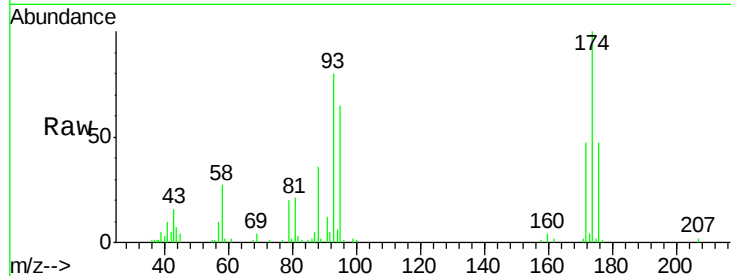
#49
1,4-Dioxane
Concen: 371.638 ug/l
RT: 9.48 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VW003715.D
Acq: 05 Jul 2018 12:41

Instrument :
MSVOA_W
ClientSampleId :
VW0705SBSD01

Tot Ion	88	Resp	9136
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	80.1	61.8	92.6

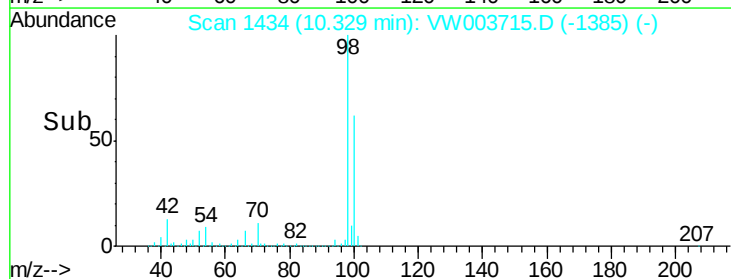
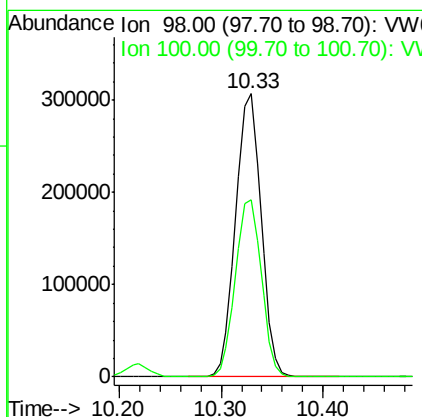
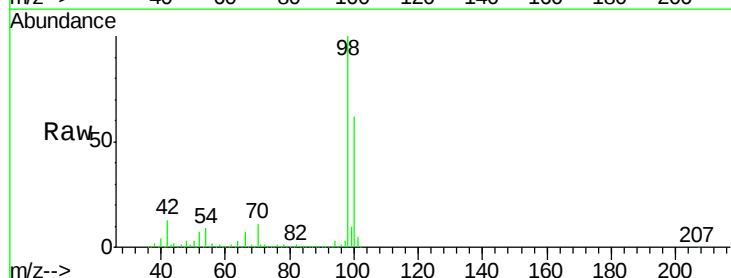
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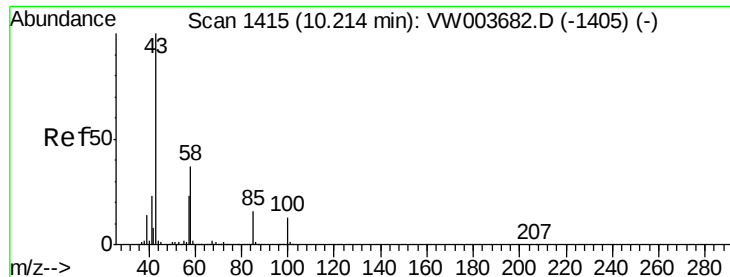
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#50
Toluene-d8
Concen: 50.399 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW003715.D
Acq: 05 Jul 2018 12:41

Tgt Ion	98	Resp	532004
Ion	Ratio	Lower	Upper
98	100		
100	63.8	50.8	76.2





#51

4-Methyl-2-Pentanone

Concen: 91.777 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. -0.00 min

Lab File: VW003715.D

Acq: 05 Jul 2018 12:41

Instrument :

MSVOA_W

ClientSampleId :

VW0705SBS01

Tot Ion: 43 Resp: 183482

Ion Ratio Lower Upper

43 100

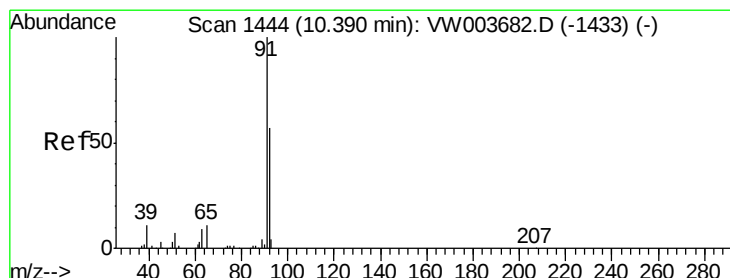
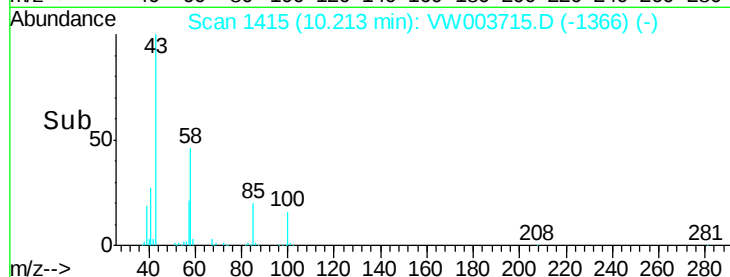
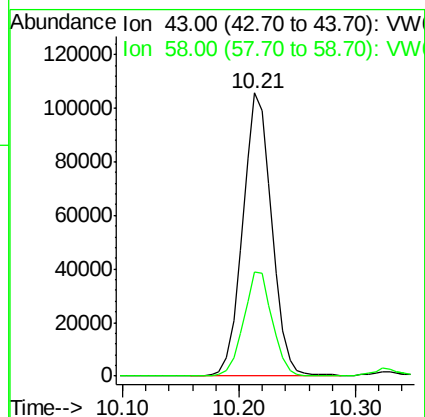
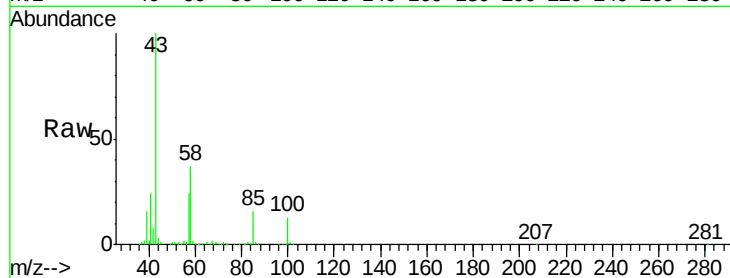
58 36.5 29.6 44.4

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#52

Toluene

Concen: 19.289 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.00 min

Lab File: VW003715.D

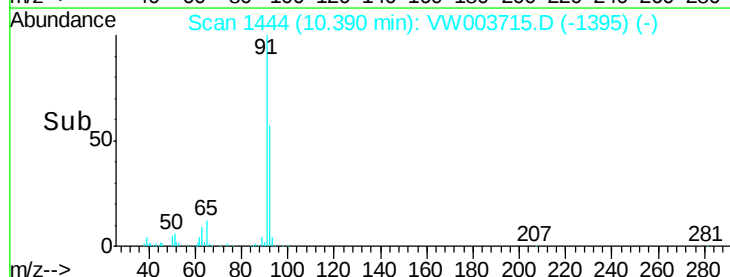
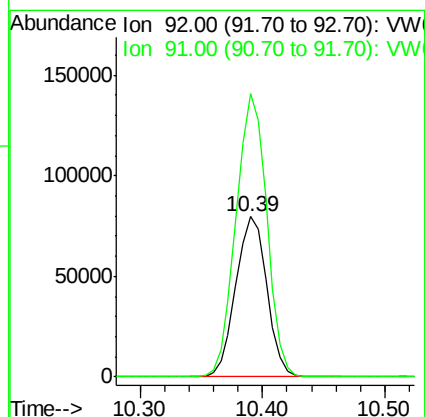
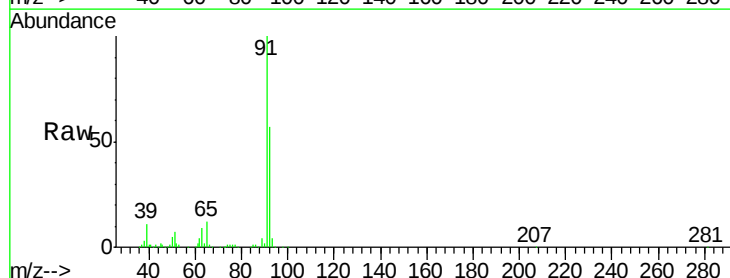
Acq: 05 Jul 2018 12:41

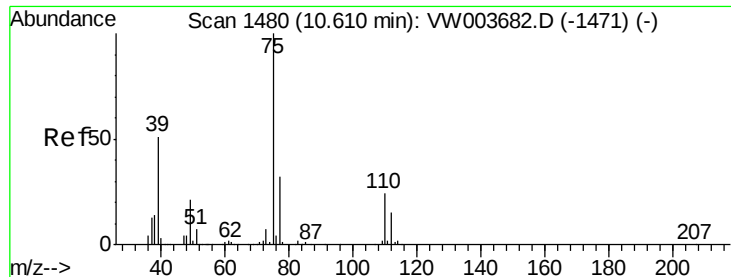
Tgt Ion: 92 Resp: 140021

Ion Ratio Lower Upper

92 100

91 175.1 140.2 210.2





#53

t-1,3-Dichloropropene

Concen: 18.563 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW003715.D

Acq: 05 Jul 2018 12:41

Instrument :

MSVOA_W

ClientSampleId :

VW0705SBS01

Tot Ion: 75 Resp: 74602

Ion Ratio Lower Upper

75 100

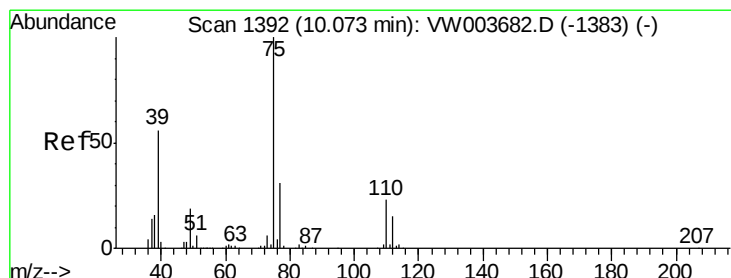
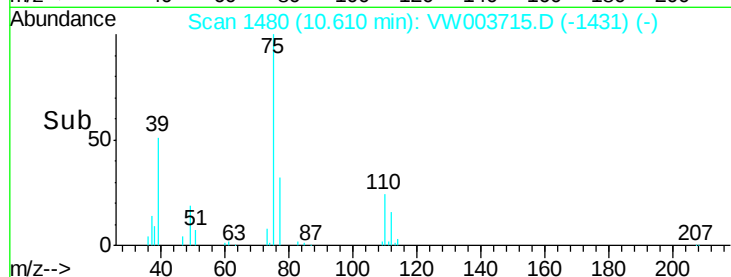
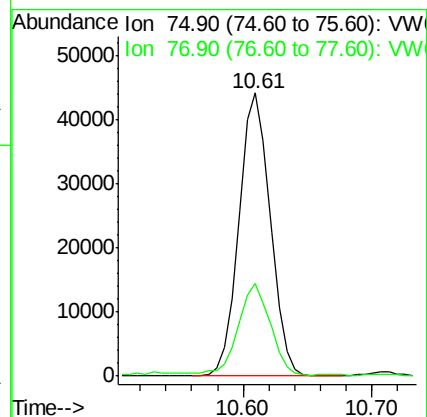
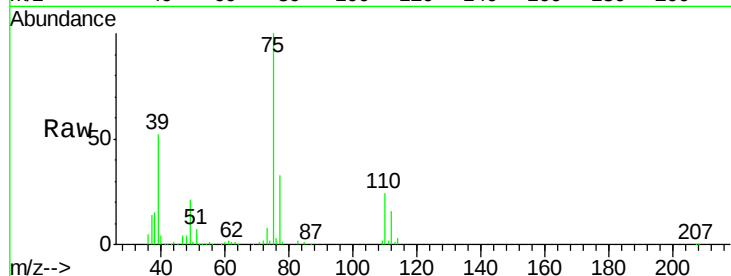
77 32.1 25.5 38.3

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#54

cis-1,3-Dichloropropene

Concen: 18.869 ug/l

RT: 10.07 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW003715.D

Acq: 05 Jul 2018 12:41

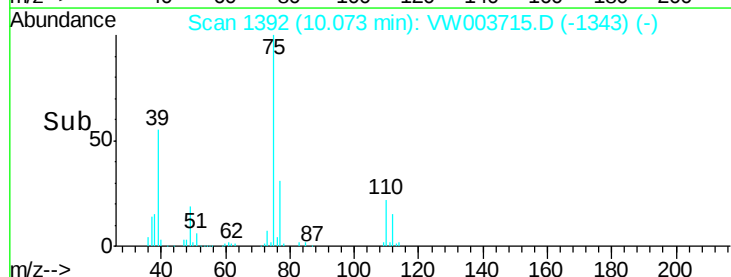
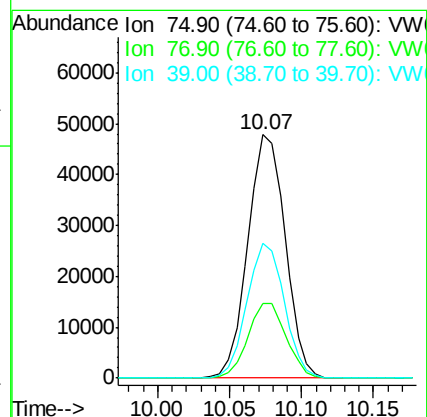
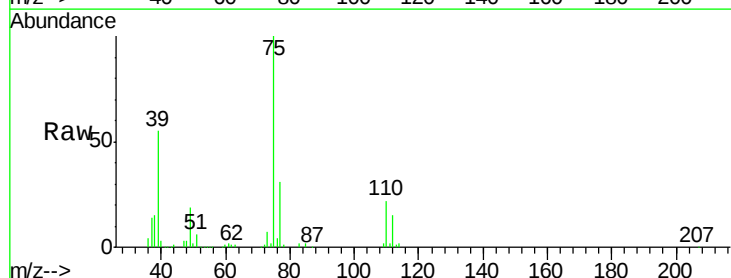
Tgt Ion: 75 Resp: 85974

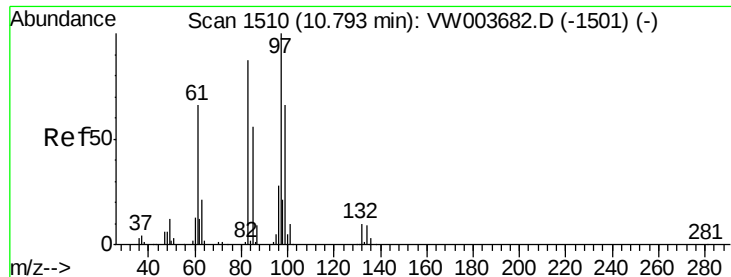
Ion Ratio Lower Upper

75 100

77 30.9 24.9 37.3

39 55.2 44.6 67.0





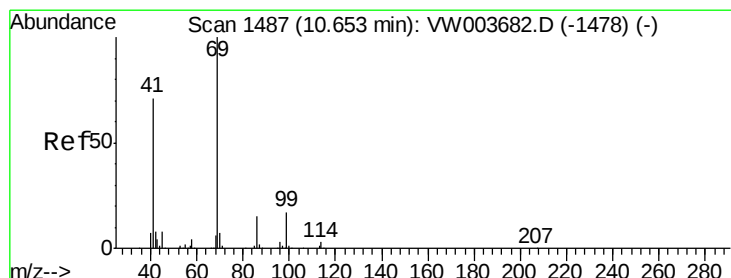
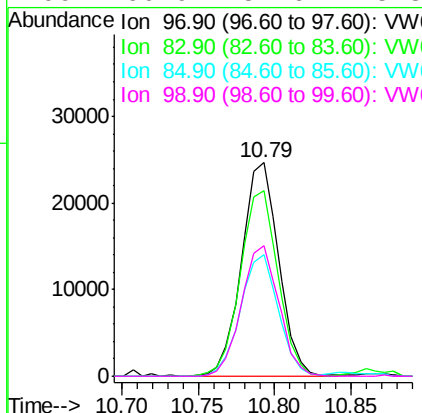
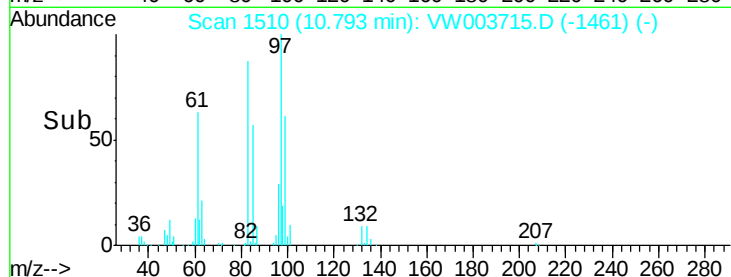
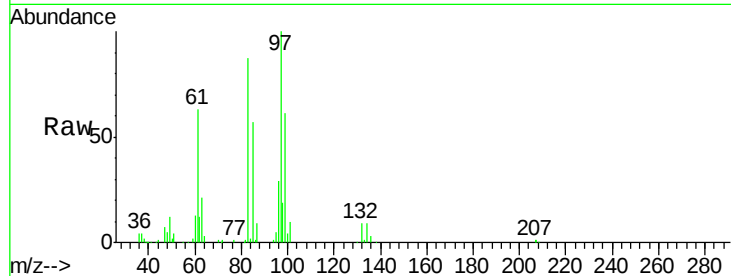
#55
 1,1,2-Trichloroethane
 Concen: 18.932 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VW003715.D
 Acq: 05 Jul 2018 12:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0705SBS01

Tot Ion:	97	Resp:	41797
Ion	Ratio	Lower	Upper
97	100		
83	86.7	69.5	104.3
85	57.0	44.7	67.1
99	60.9	52.6	78.8

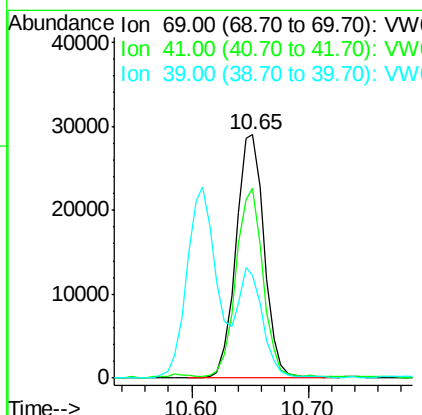
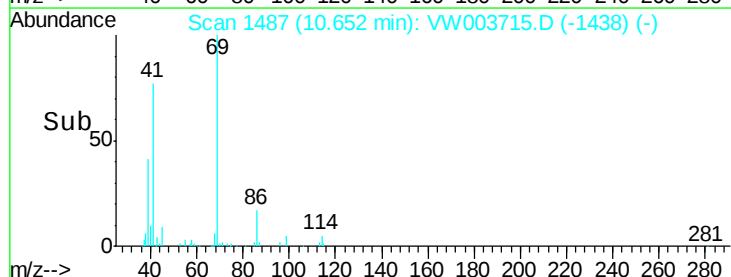
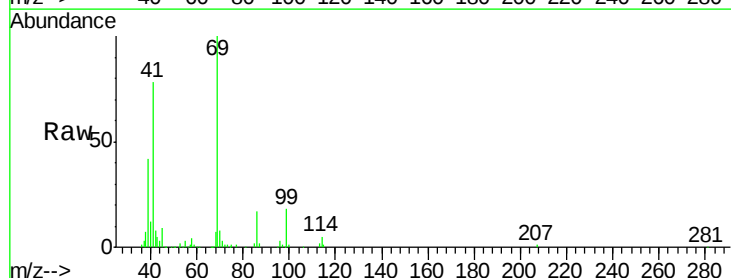
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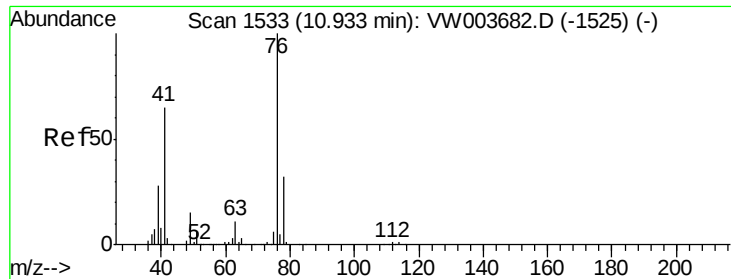
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#56
 Ethyl methacrylate
 Concen: 18.146 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW003715.D
 Acq: 05 Jul 2018 12:41

Tgt Ion:	69	Resp:	49145
Ion	Ratio	Lower	Upper
69	100		
41	72.8	57.5	86.3
39	36.9	29.4	44.0





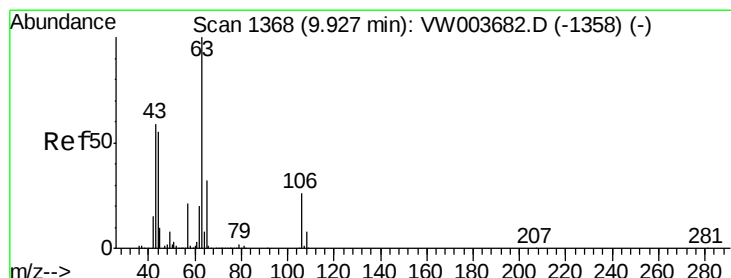
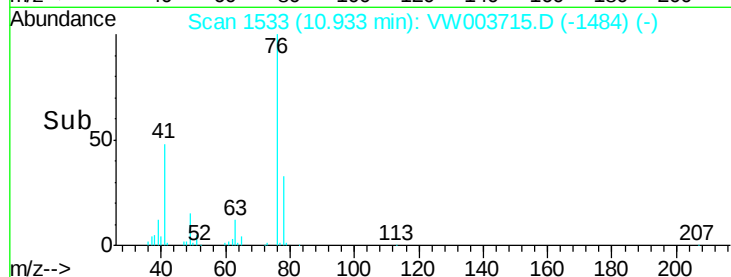
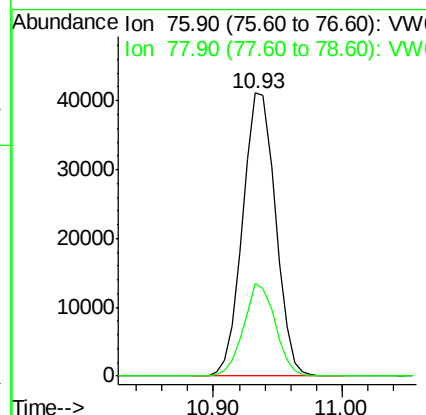
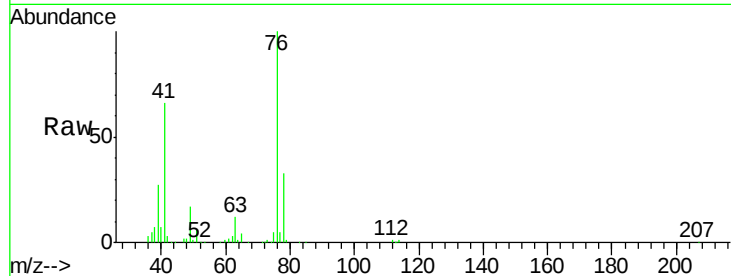
#57
 1,3-Dichloropropane
 Concen: 18.940 ug/l
 RT: 10.93 min Scan# 1533
 Delta R.T. -0.00 min
 Lab File: VW003715.D
 Acq: 05 Jul 2018 12:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0705SBS01

Tot Ion: 76 Resp: 72640
 Ion Ratio Lower Upper
 76 100
 78 31.4 25.6 38.4

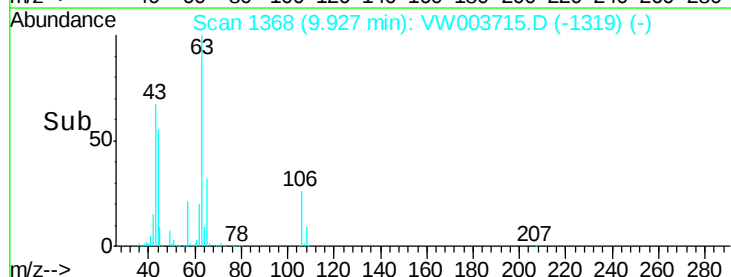
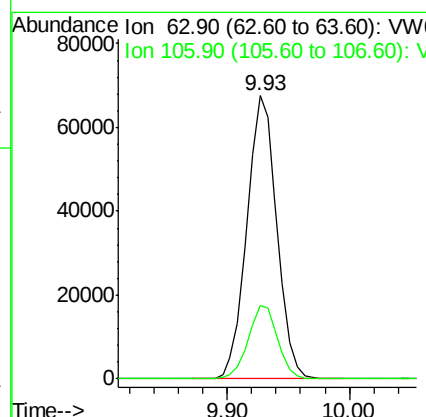
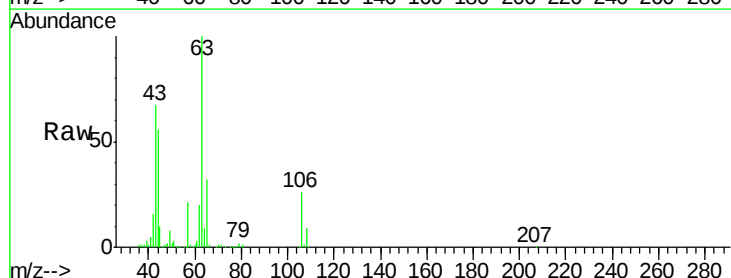
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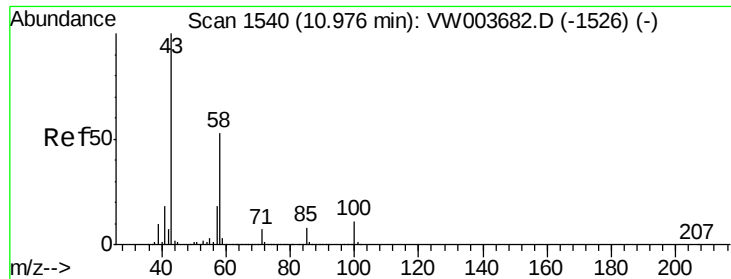
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#58
 2-Chloroethyl Vinyl ether
 Concen: 97.031 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. -0.00 min
 Lab File: VW003715.D
 Acq: 05 Jul 2018 12:41

Tgt Ion: 63 Resp: 114506
 Ion Ratio Lower Upper
 63 100
 106 25.6 20.7 31.1





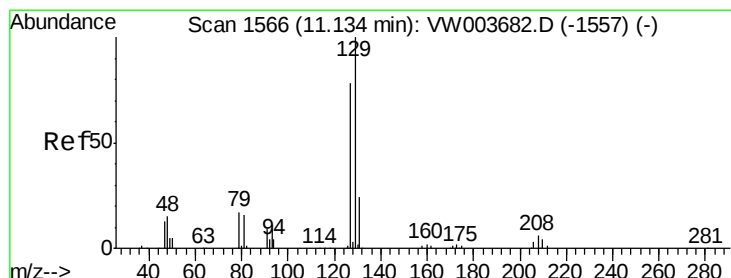
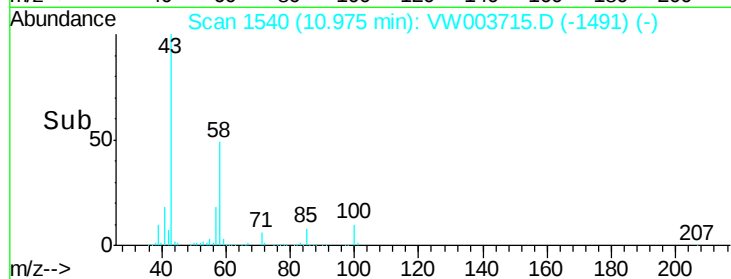
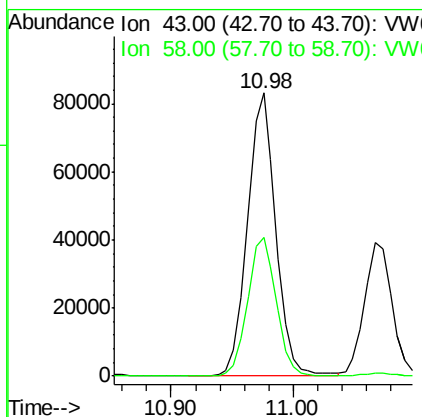
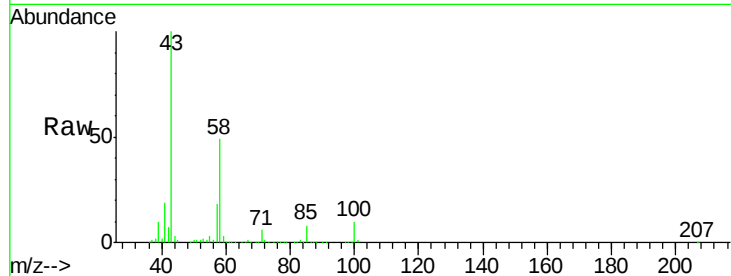
#59
2-Hexanone
Concen: 93.672 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW003715.D
Acq: 05 Jul 2018 12:41

Instrument :
MSVOA_W
ClientSampleId :
VW0705SBS01

Tot Ion	43	Resp	133868
Ion Ratio	100	Lower	Upper
43	100		
58	49.5	25.9	77.6

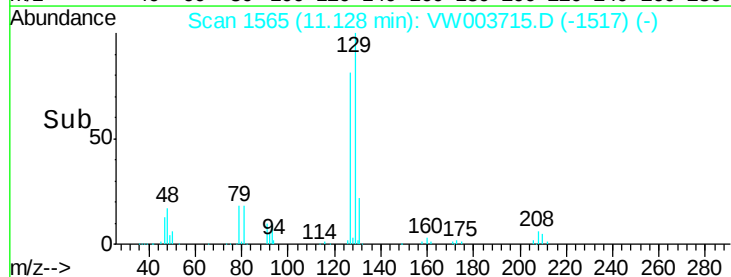
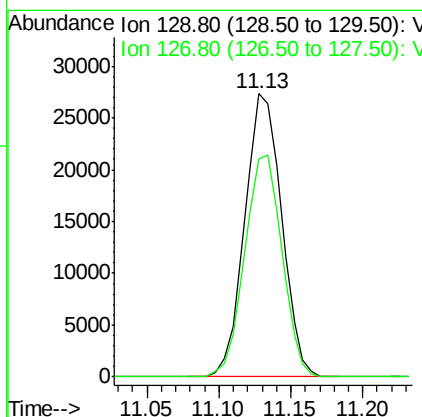
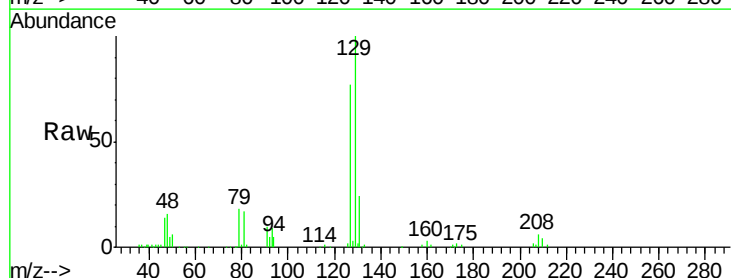
Manual Integrations
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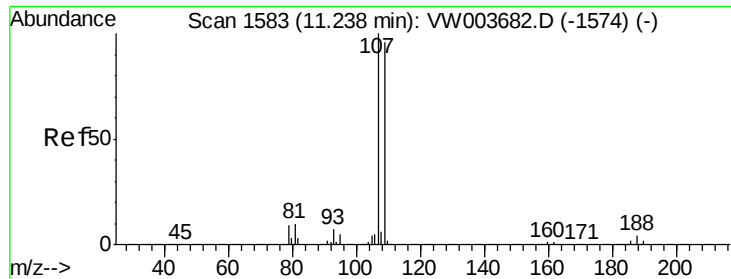
apatel
7/6/2018 10:02:08 AM



#60
Dibromochloromethane
Concen: 18.739 ug/l
RT: 11.13 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VW003715.D
Acq: 05 Jul 2018 12:41

Tgt Ion	129	Resp	48366
Ion Ratio	100	Lower	Upper
129	100		
127	79.3	39.1	117.2





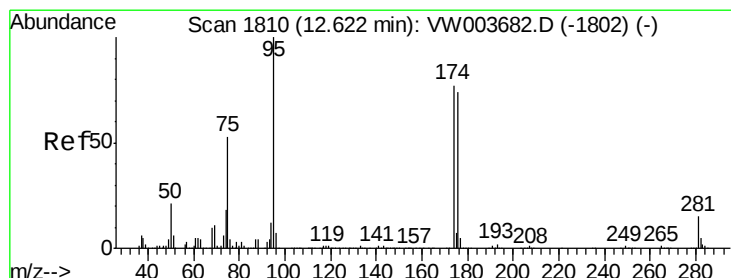
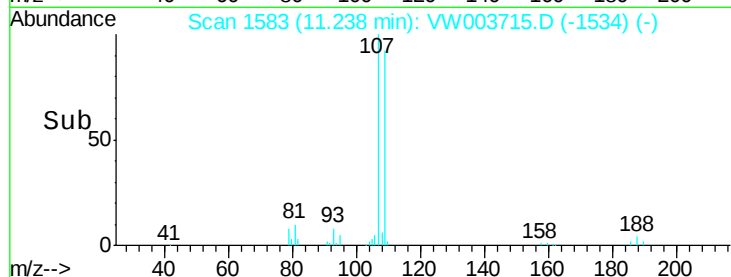
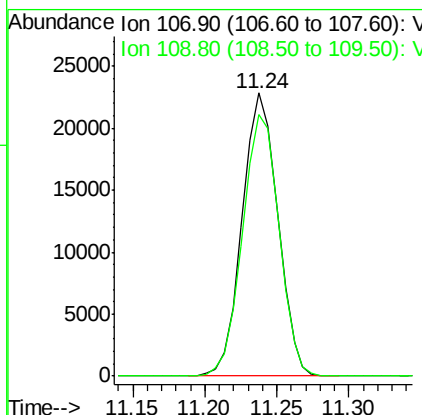
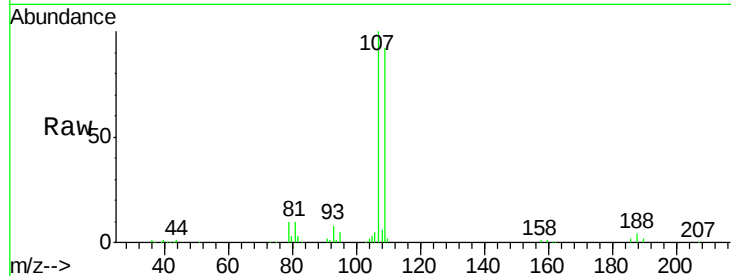
#61
 1,2-Dibromoethane
 Concen: 18.469 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VW003715.D
 Acq: 05 Jul 2018 12:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0705SBS01

Tot Ion: 107 Resp: 39057
 Ion Ratio Lower Upper
 107 100
 109 94.7 75.6 113.4

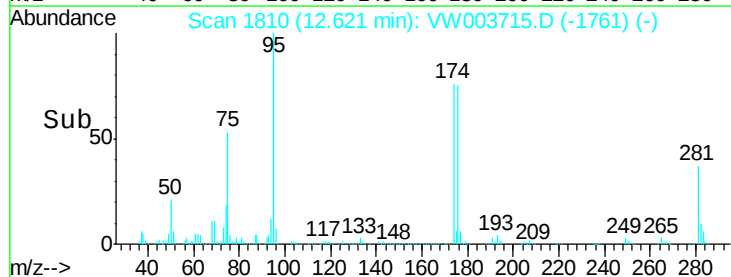
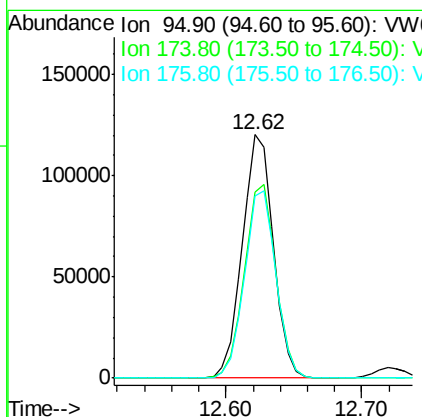
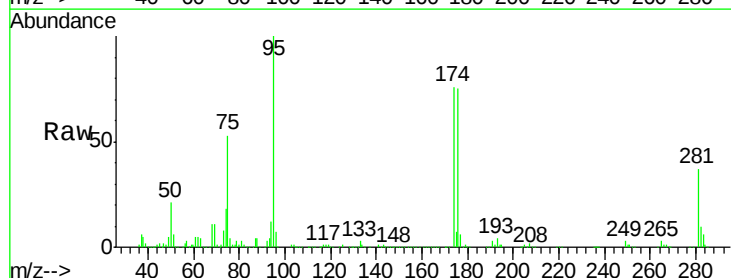
Manual Integrations
 APPROVED

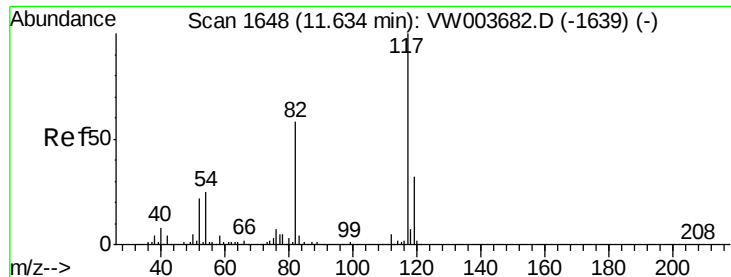
apatel
 7/6/2018 10:02:08 AM



#62
 4-Bromofluorobenzene
 Concen: 50.511 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VW003715.D
 Acq: 05 Jul 2018 12:41

Tgt Ion: 95 Resp: 191547
 Ion Ratio Lower Upper
 95 100
 174 80.5 0.0 161.2
 176 78.1 0.0 155.0





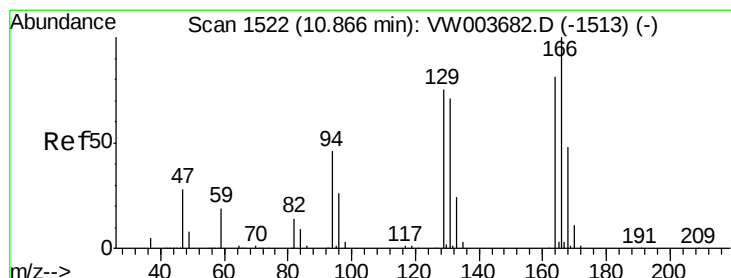
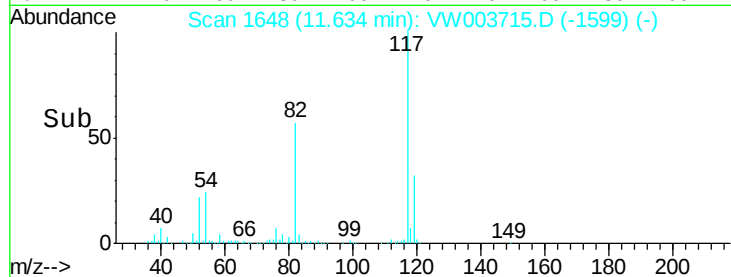
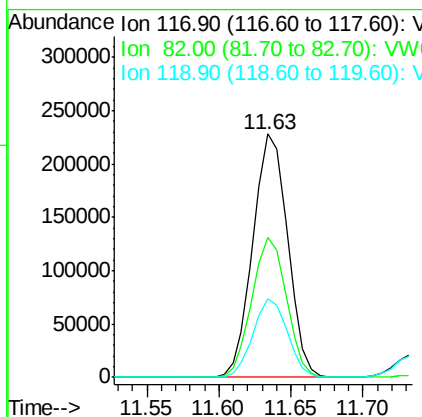
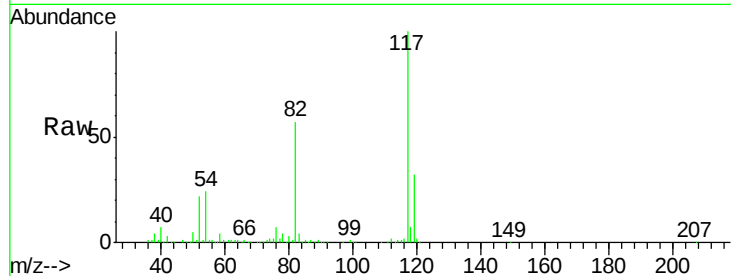
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW003715.D
Acq: 05 Jul 2018 12:41

Instrument :
MSVOA_W
ClientSampleId :
VW0705SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	381160		
82	57.3	46.0	69.0	
119	32.1	25.4	38.0	

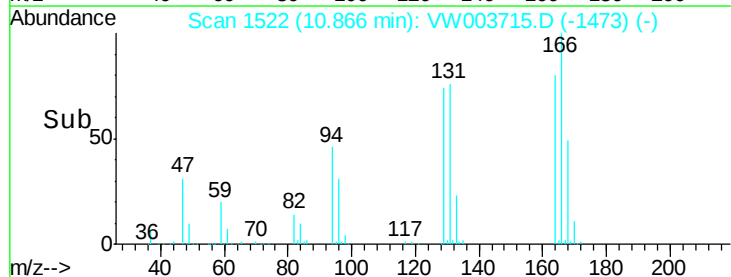
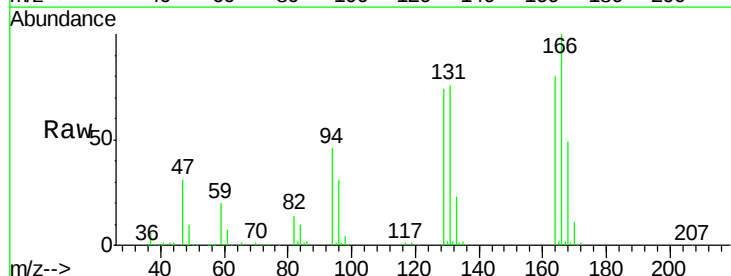
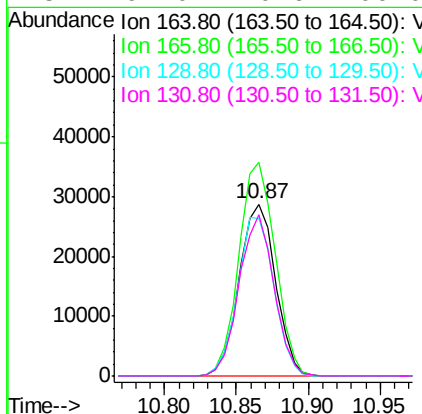
Manual Integrations
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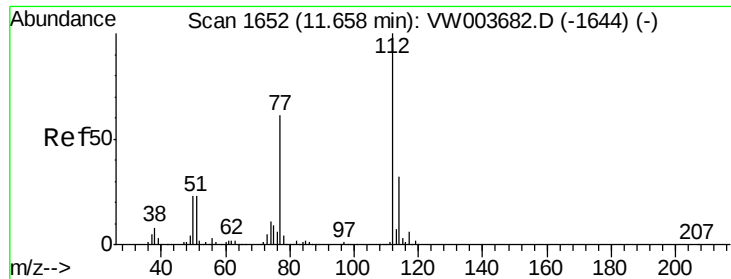
apatel
7/6/2018 10:02:08 AM



#64
Tetrachloroethene
Concen: 19.599 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW003715.D
Acq: 05 Jul 2018 12:41

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	50492		
166	124.4	99.0	148.4	
129	91.7	73.8	110.6	
131	94.0	70.6	106.0	





#65

Chlorobenzene

Concen: 19.303 ug/l

RT: 11.66 min Scan# 1652

Delta R.T. -0.00 min

Lab File: VW003715.D

Acq: 05 Jul 2018 12:41

Instrument :

MSVOA_W

ClientSampled :

VW0705SBS01

Tot Ion:112 Resp: 154685

Ion Ratio Lower Upper

112 100

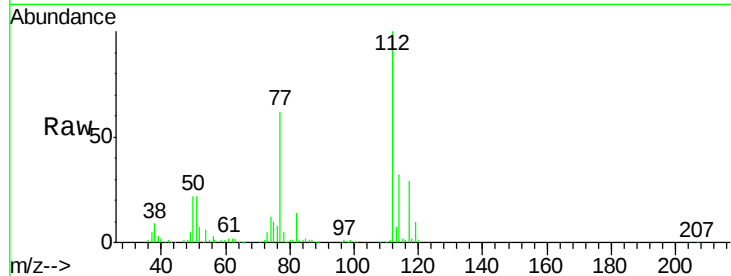
114 32.4 25.8 38.8

Manual Integrations

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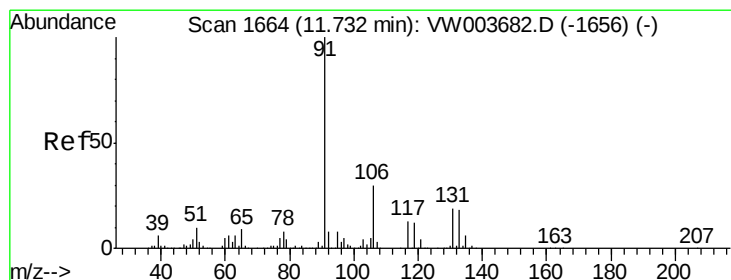
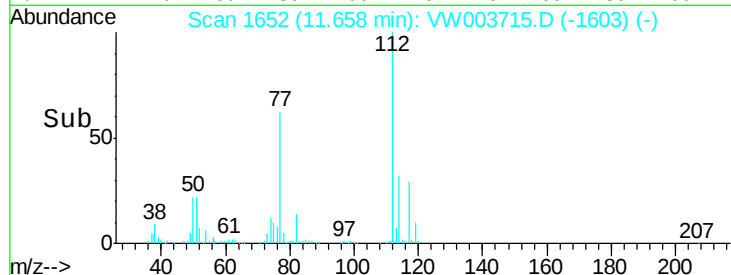
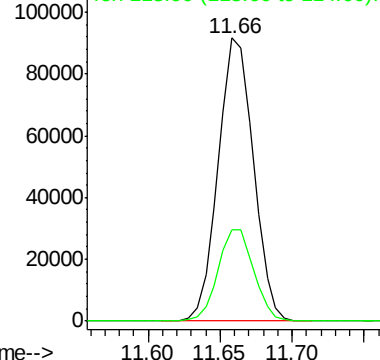
apatel

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.150 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. 0.01 min

Lab File: VW003715.D

Acq: 05 Jul 2018 12:41

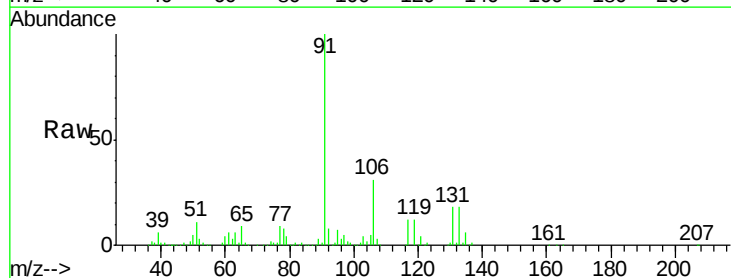
Tgt Ion:131 Resp: 53629

Ion Ratio Lower Upper

131 100

133 98.0 47.6 142.8

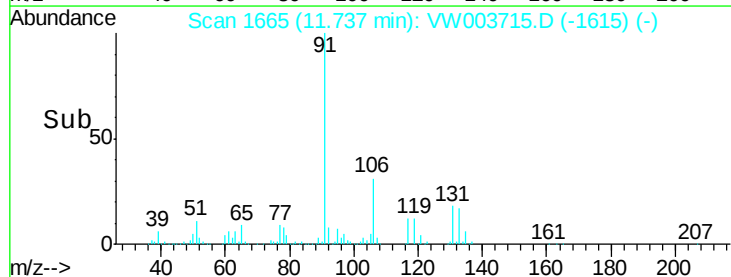
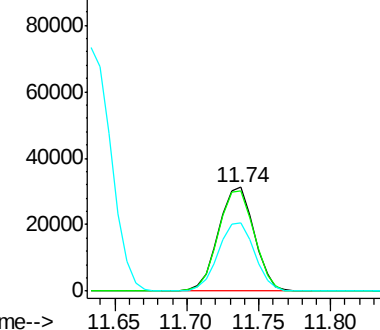
119 67.4 31.9 95.9

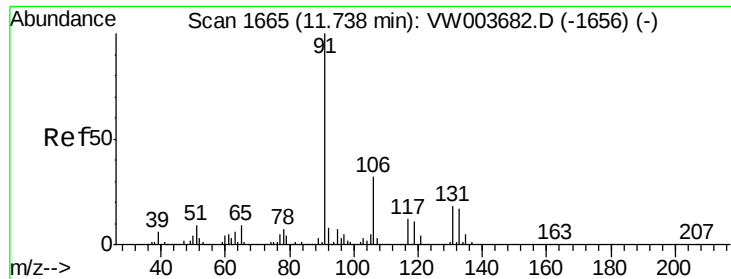


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





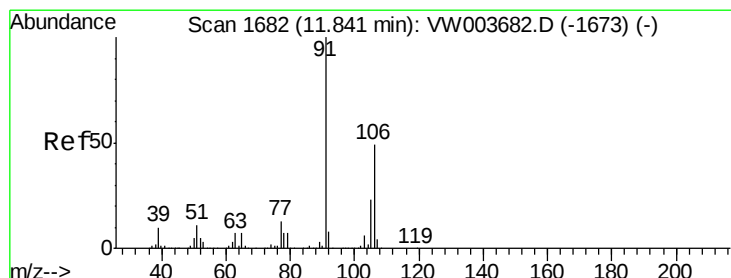
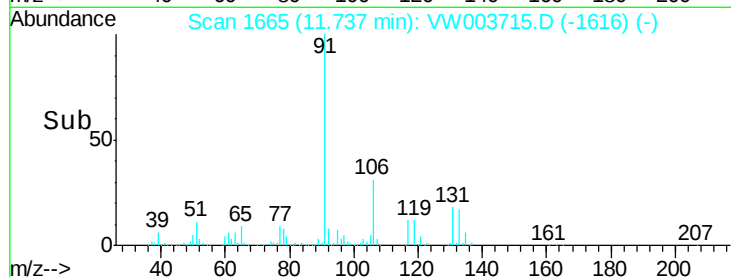
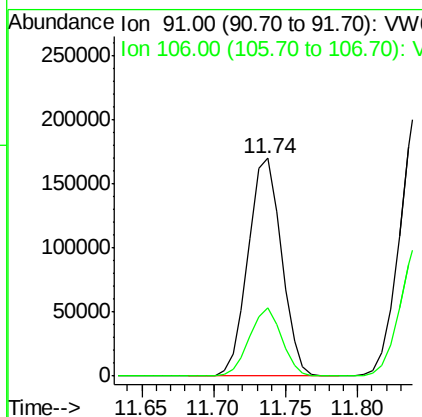
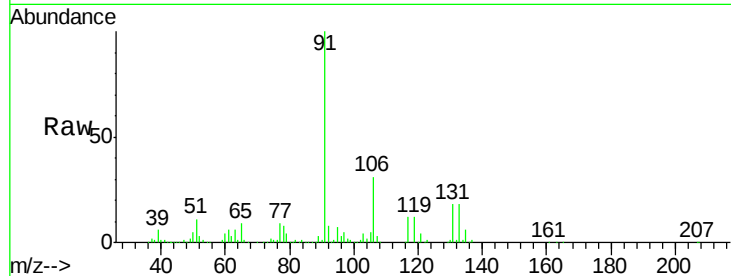
#67
Ethyl Benzene
Concen: 19.425 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW003715.D
Acq: 05 Jul 2018 12:41

Instrument :
MSVOA_W
ClientSampleId :
VW0705SBS01

Tot Ion: 91 Resp: 272736
Ion Ratio Lower Upper
91 100
106 31.2 25.2 37.8

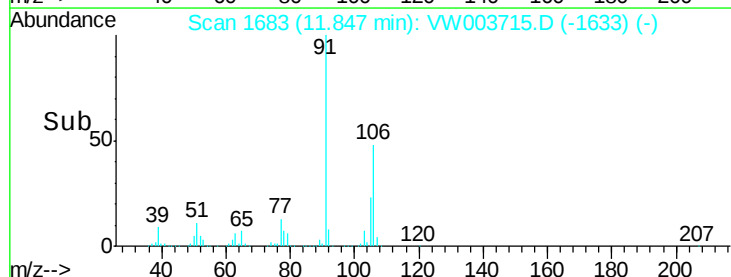
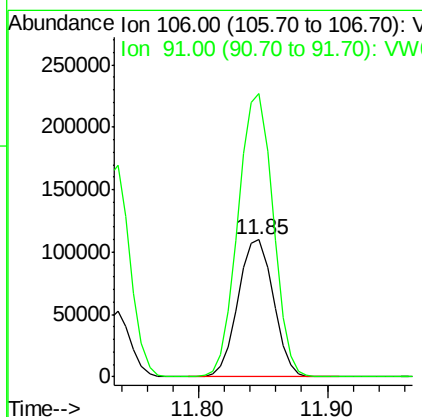
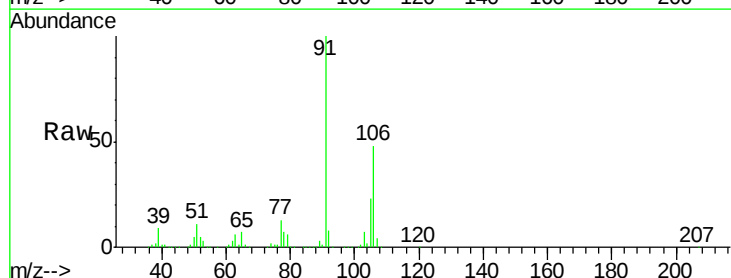
Manual Integrations
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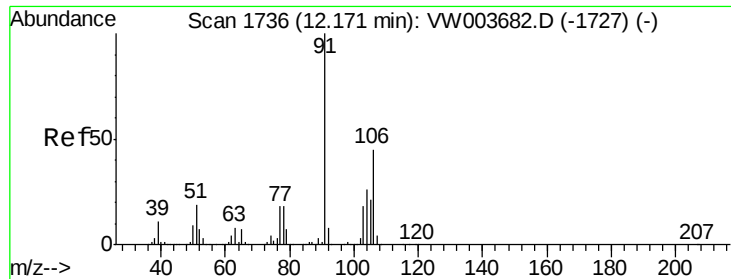
apatel
7/6/2018 10:02:08 AM



#68
m/p-Xylenes
Concen: 39.247 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.01 min
Lab File: VW003715.D
Acq: 05 Jul 2018 12:41

Tgt Ion: 106 Resp: 209553
Ion Ratio Lower Upper
106 100
91 204.6 163.7 245.5





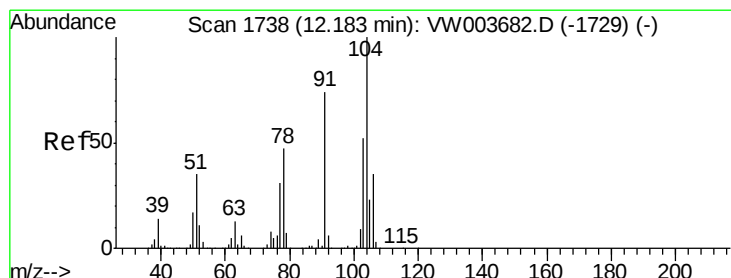
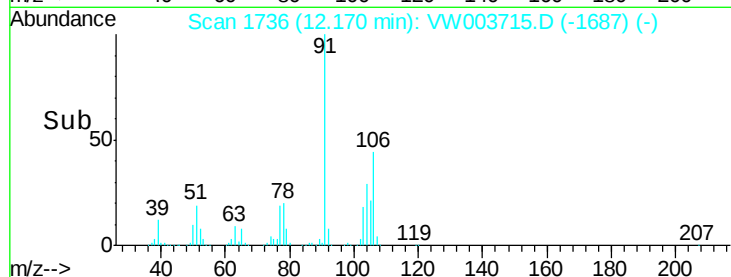
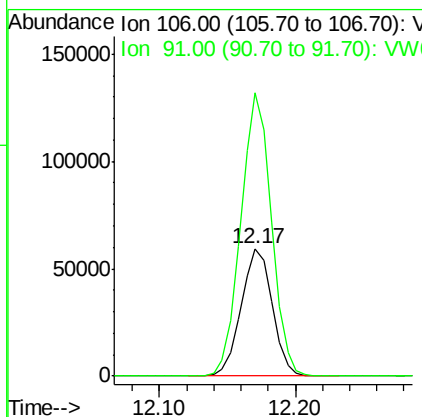
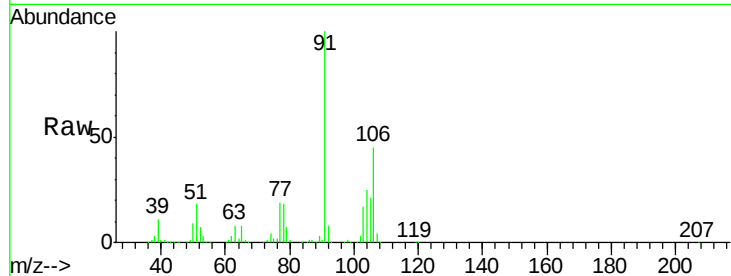
#69
o-Xylene
Concen: 19.222 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW003715.D
Acq: 05 Jul 2018 12:41

Instrument :
MSVOA_W
ClientSampled :
VW0705SBS01

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	218.4	109.3	327.8	

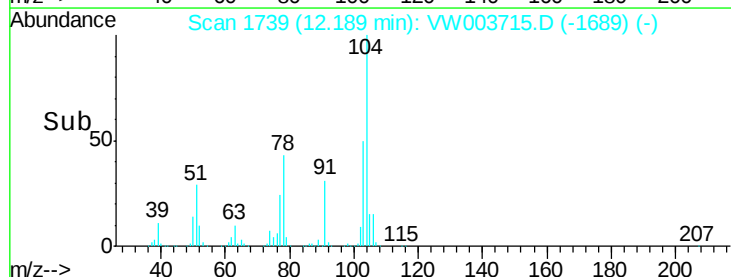
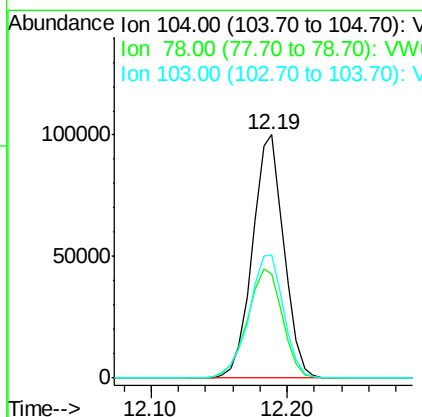
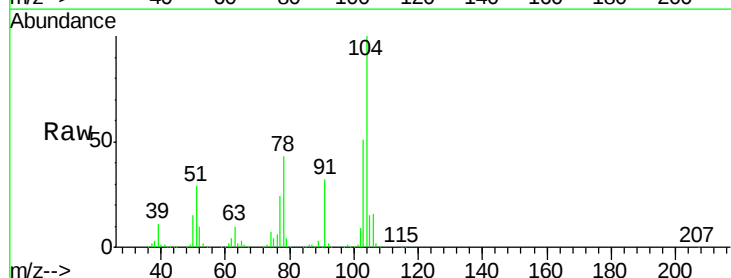
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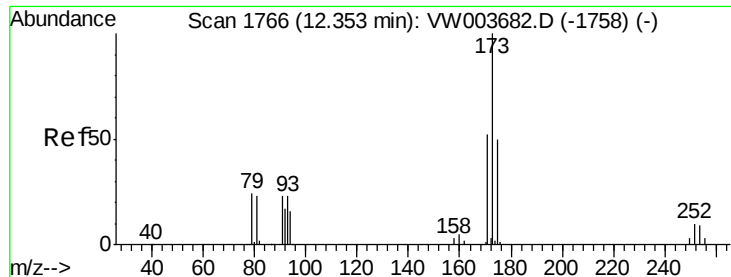
apatel
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#70
Styrene
Concen: 19.595 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.01 min
Lab File: VW003715.D
Acq: 05 Jul 2018 12:41

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	50.3	40.2	60.4	
103	55.6	44.4	66.6	





#71

Bromoform

Concen: 18.499 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. -0.00 min

Lab File: VW003715.D

Acq: 05 Jul 2018 12:41

Instrument :

MSVOA_W

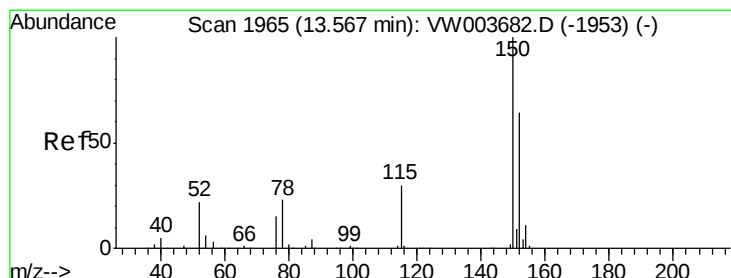
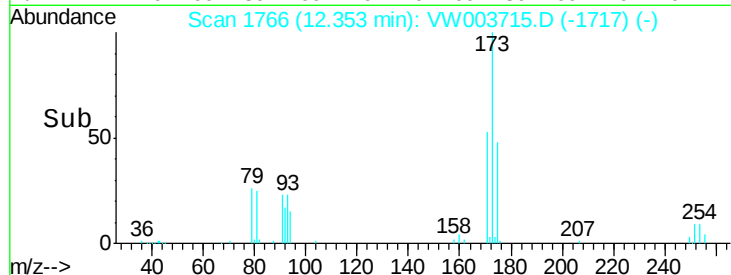
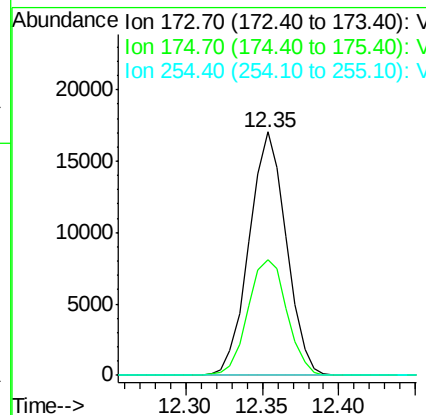
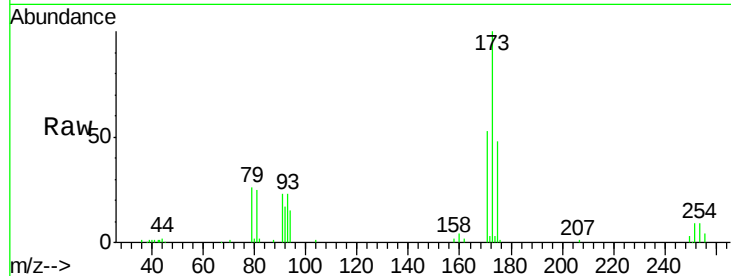
ClientSampleId :

VW0705SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.8	24.5	73.5
254	0.0	0.2	0.2

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

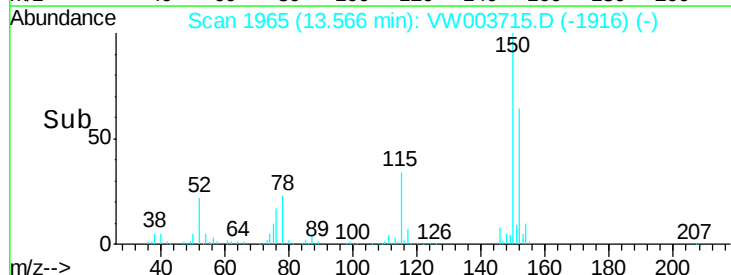
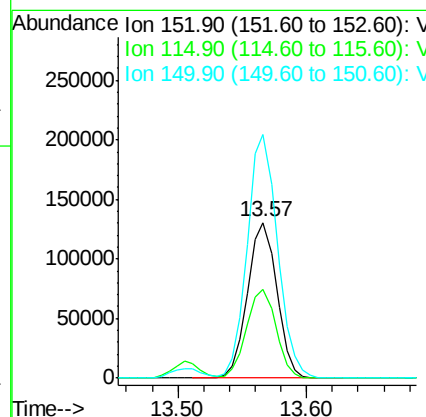
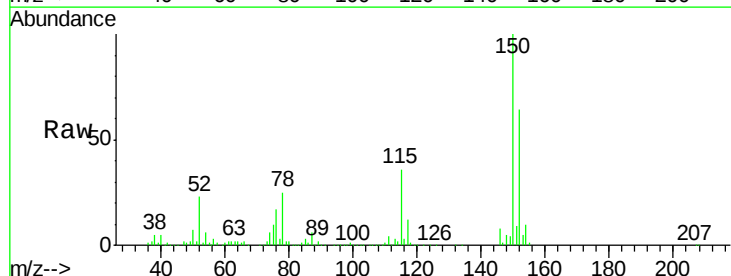
RT: 13.57 min Scan# 1965

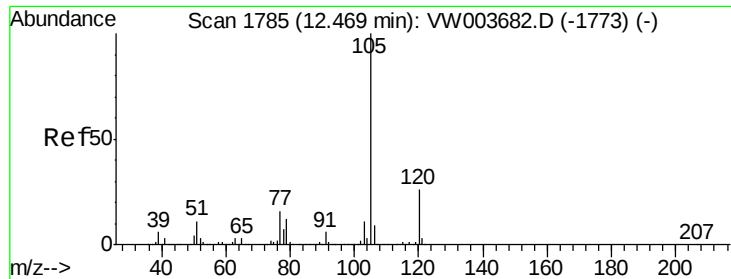
Delta R.T. -0.00 min

Lab File: VW003715.D

Acq: 05 Jul 2018 12:41

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.7	29.3	88.0
150	162.0	0.0	352.0





#73

Isopropylbenzene

Concen: 19.377 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VW003715.D

Acq: 05 Jul 2018 12:41

Instrument :

MSVOA_W

ClientSampled :

VW0705SBS01

Tot Ion:105 Resp: 269253

Ion Ratio Lower Upper

105 100

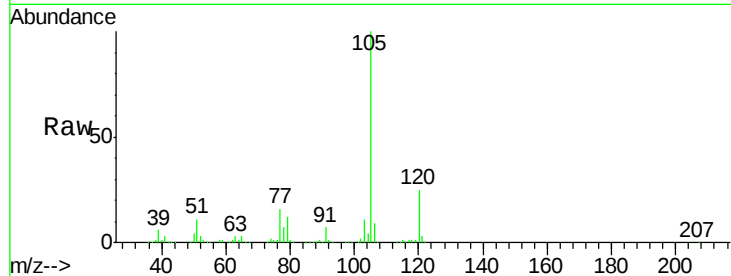
120 26.0 13.1 39.3

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

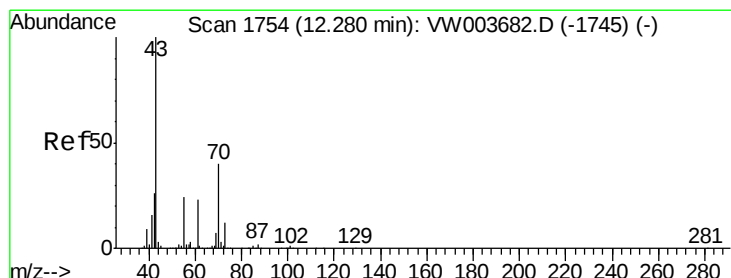
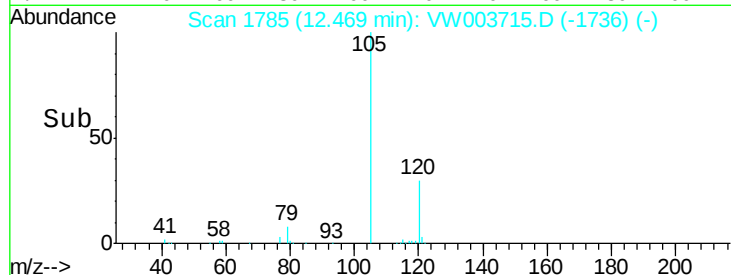
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 17.560 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VW003715.D

Acq: 05 Jul 2018 12:41

Tgt Ion: 43 Resp: 64432

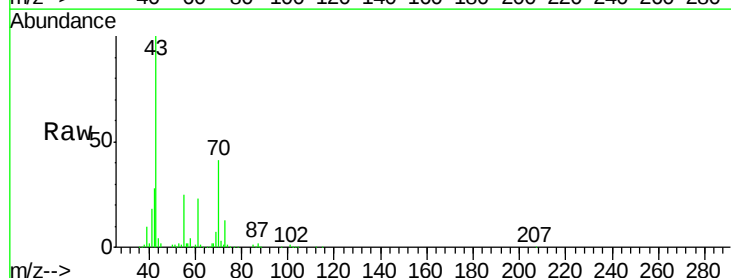
Ion Ratio Lower Upper

43 100

70 41.2 31.3 46.9

55 26.6 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

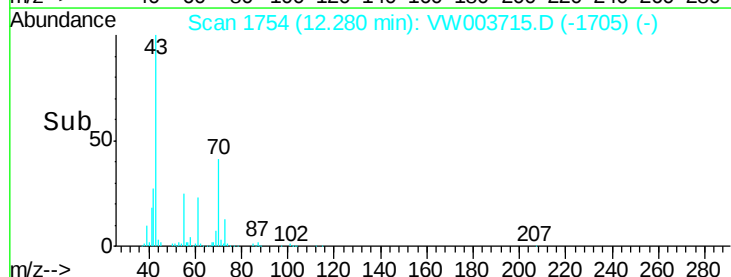
60000

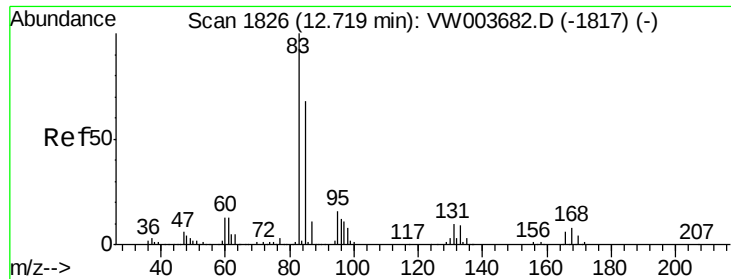
40000

20000

0

Time-->





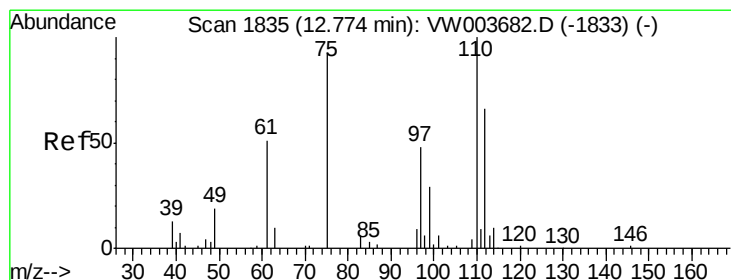
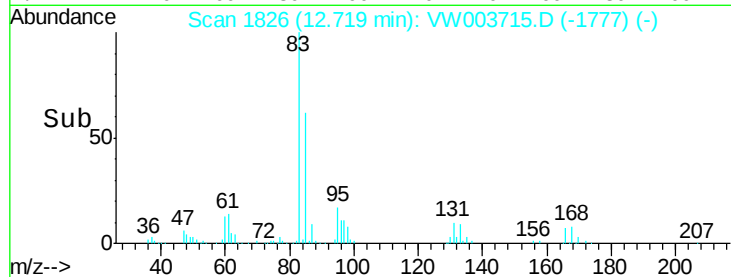
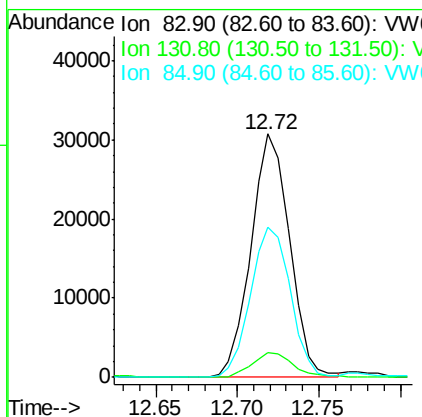
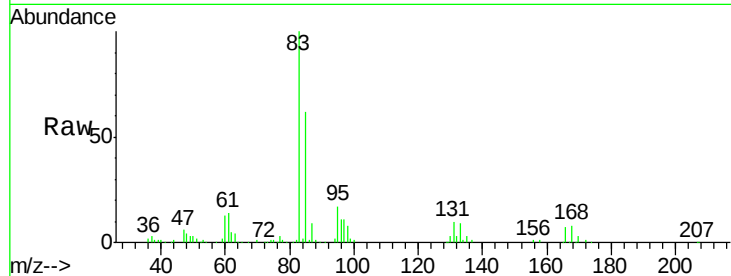
#75
 1,1,2,2-Tetrachloroethane
 Concen: 18.689 ug/l
 RT: 12.72 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VW003715.D
 Acq: 05 Jul 2018 12:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0705SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
131	10.8	5.3	15.9
85	63.7	31.9	95.9

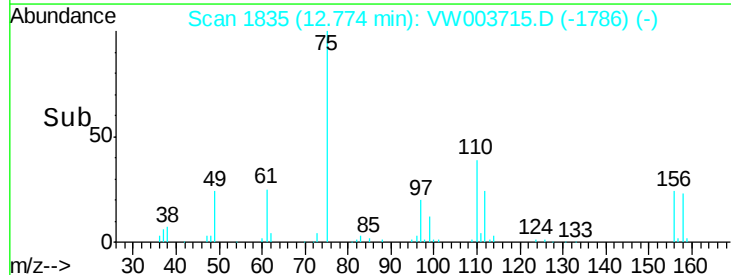
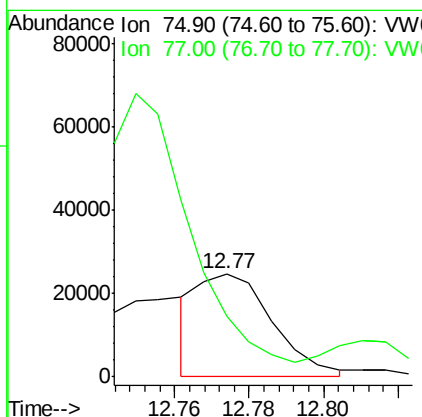
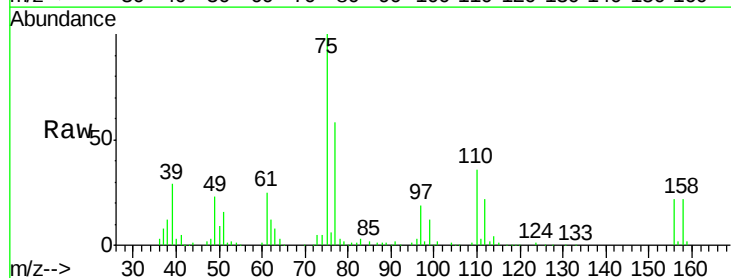
Manual Integrations
 APPROVED

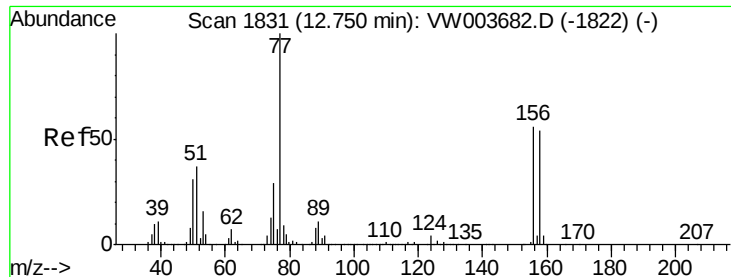
apatel
 7/6/2018 10:02:08 AM



#76
 1,2,3-Trichloropropane
 Concen: 18.933 ug/l m
 RT: 12.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VW003715.D
 Acq: 05 Jul 2018 12:41

Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





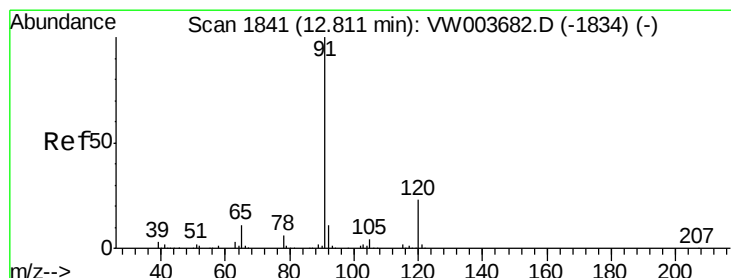
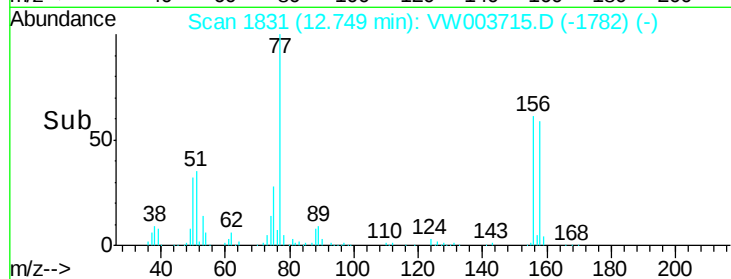
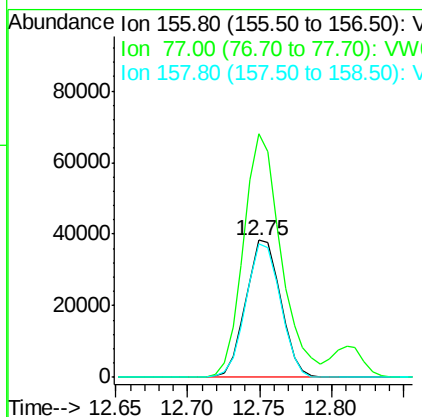
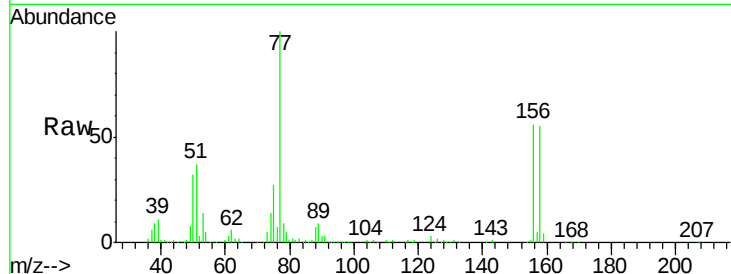
#77
Bromobenzene
Concen: 19.281 ug/l
RT: 12.75 min Scan# 1831
Delta R.T. -0.00 min
Lab File: VW003715.D
Acq: 05 Jul 2018 12:41

Instrument :
MSVOA_W
ClientSampleId :
VW0705SBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	191.2	95.8	287.4
158	96.7	48.2	144.6

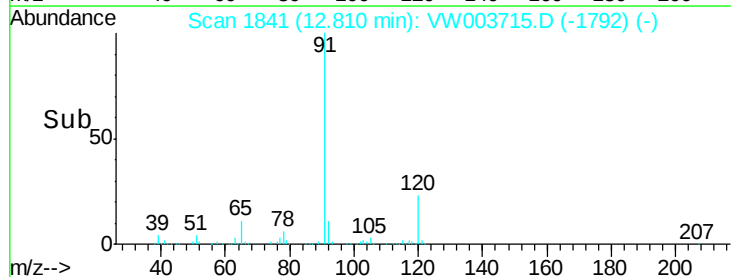
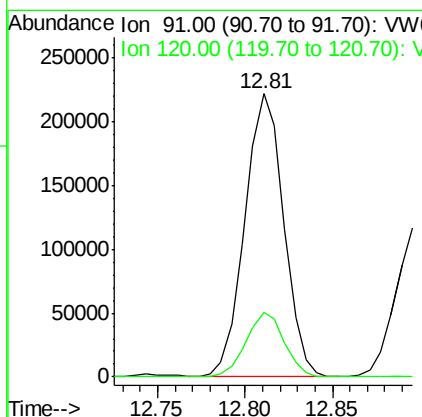
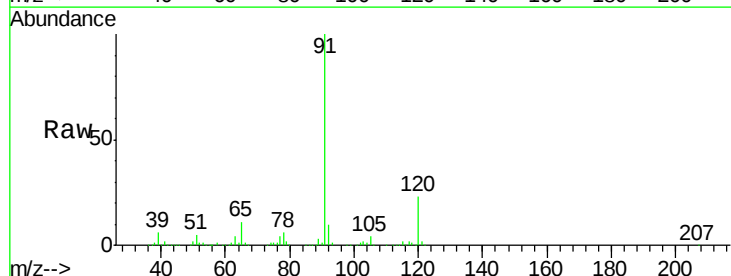
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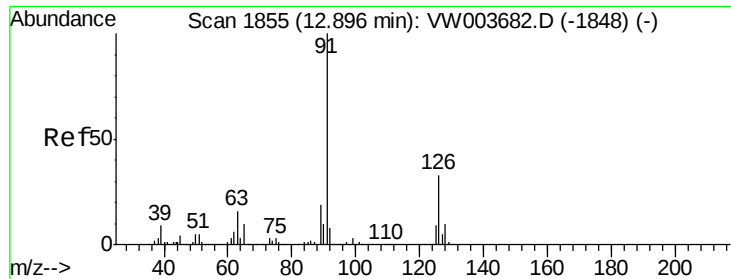
apatel
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#78
n-propylbenzene
Concen: 19.931 ug/l
RT: 12.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VW003715.D
Acq: 05 Jul 2018 12:41

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.4	11.4	34.1





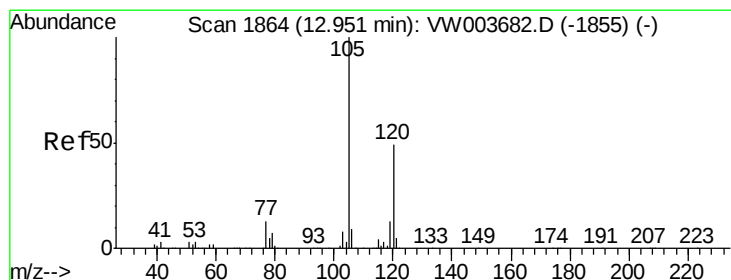
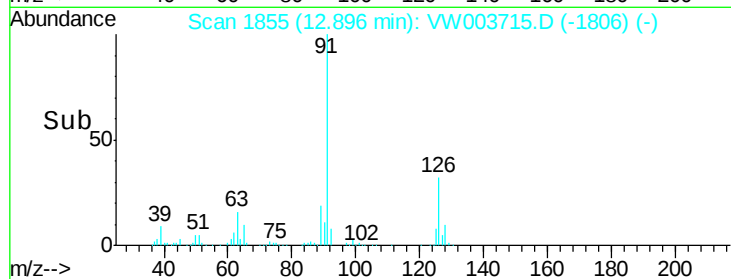
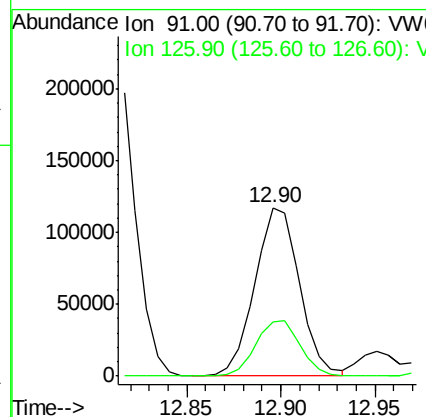
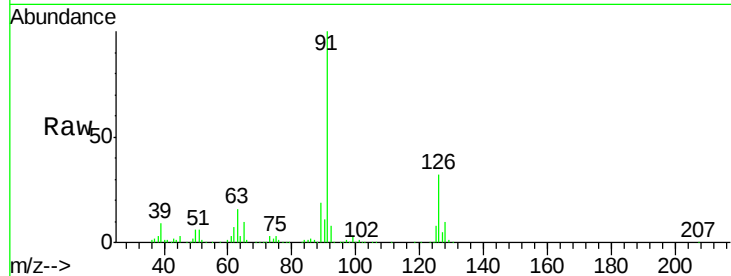
#79
 2-Chlorotoluene
 Concen: 19.699 ug/l
 RT: 12.90 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW003715.D
 Acq: 05 Jul 2018 12:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0705SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
126	33.3	16.4	49.4

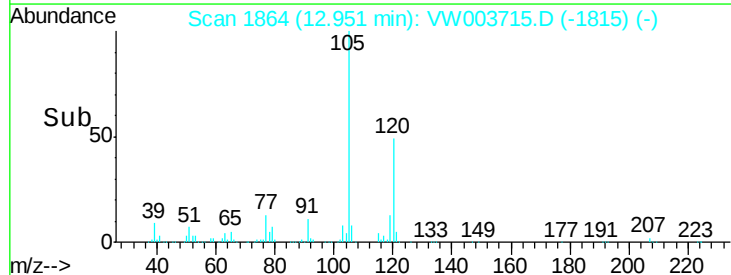
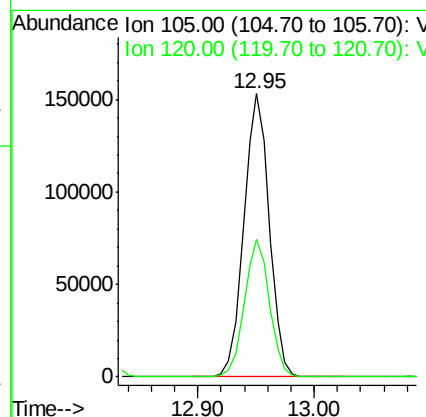
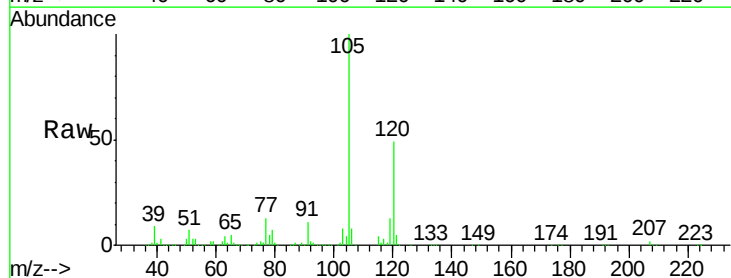
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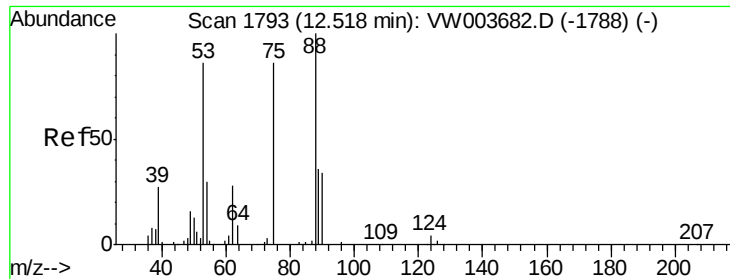
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#80
 1,3,5-Trimethylbenzene
 Concen: 19.773 ug/l
 RT: 12.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VW003715.D
 Acq: 05 Jul 2018 12:41

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.9	24.3	72.8





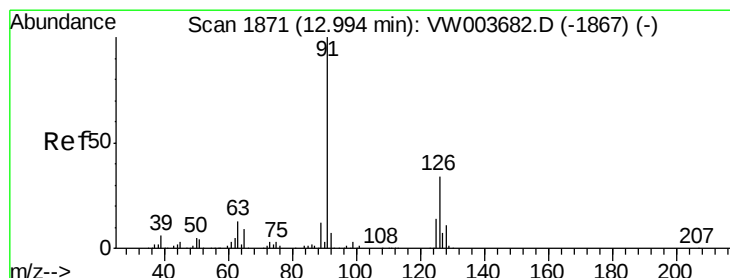
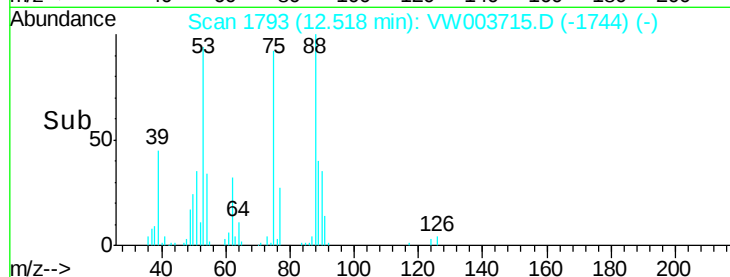
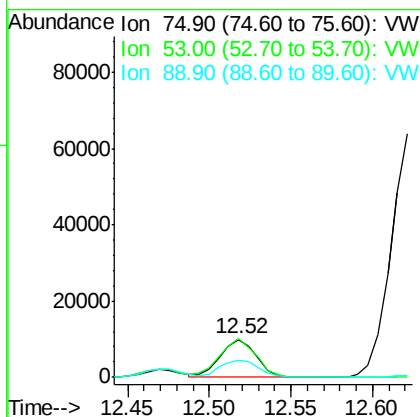
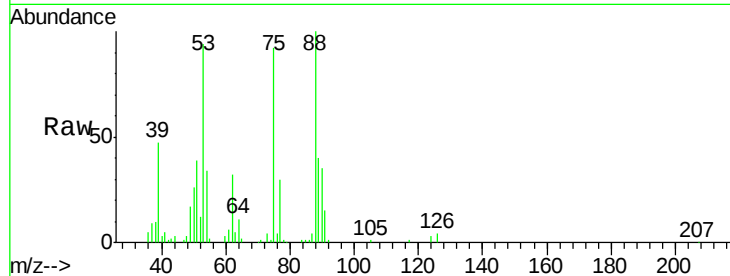
#81
trans-1,4-Dichloro-2-butene
Concen: 17.754 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VW003715.D
Acq: 05 Jul 2018 12:41

Instrument :
MSVOA_W
ClientSampleId :
VW0705SBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	103.1	82.4	123.6
89	46.9	35.9	53.9

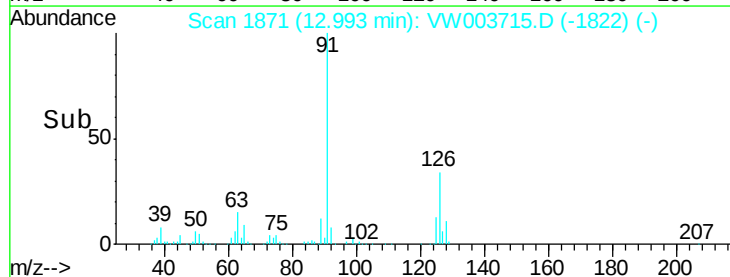
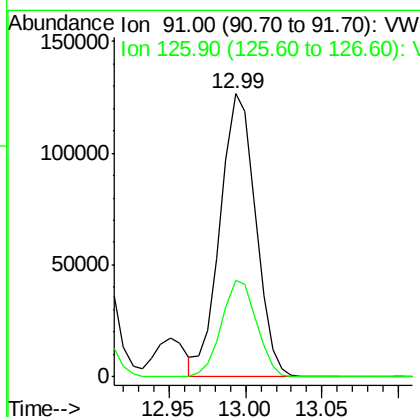
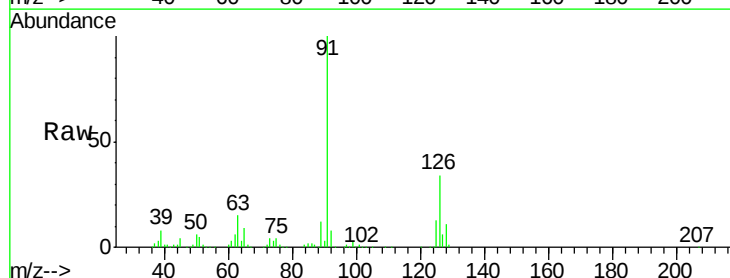
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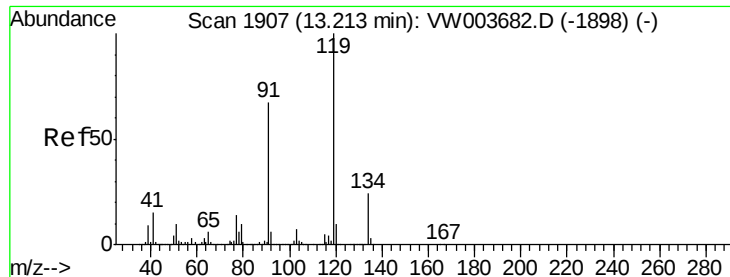
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#82
4-Chlorotoluene
Concen: 19.607 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. -0.00 min
Lab File: VW003715.D
Acq: 05 Jul 2018 12:41

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.9	17.0	50.9





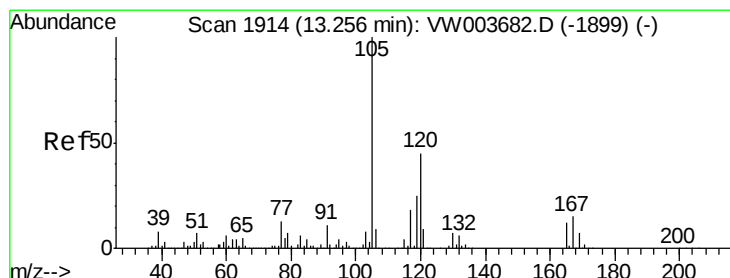
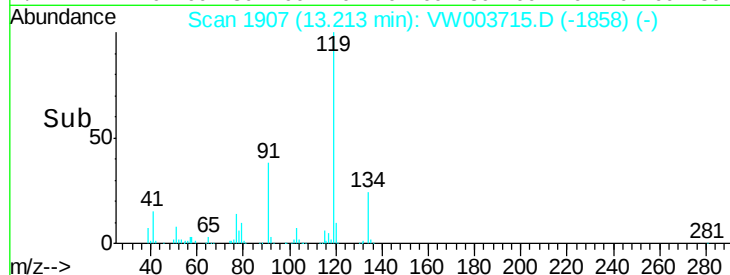
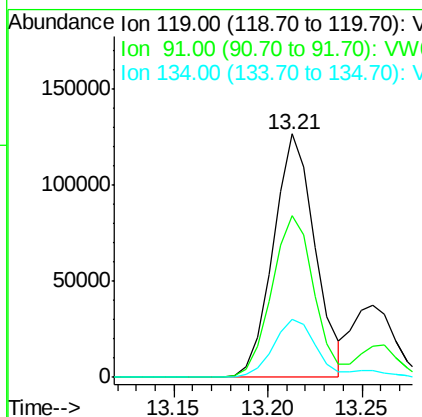
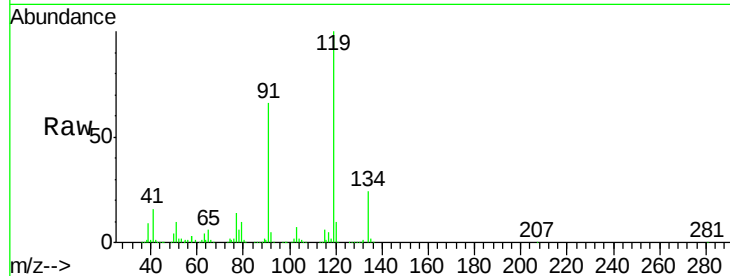
#83
 tert-Butylbenzene
 Concen: 19.609 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VW003715.D
 Acq: 05 Jul 2018 12:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0705SBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
91	68.2	33.8	101.3
134	24.3	13.1	39.1

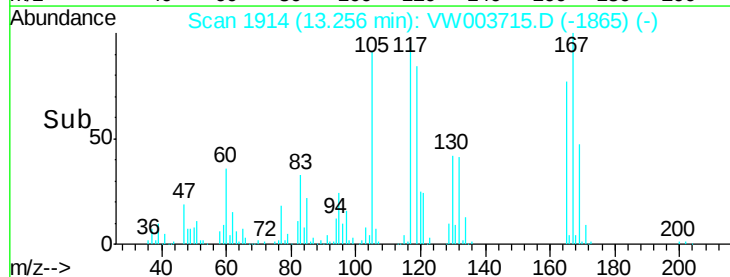
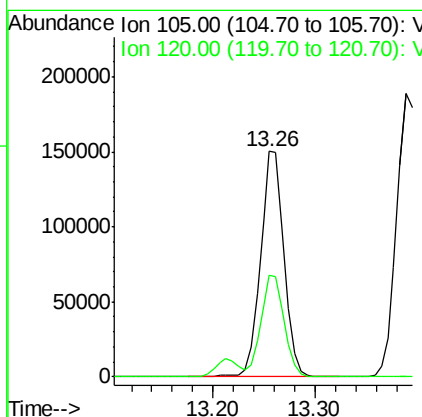
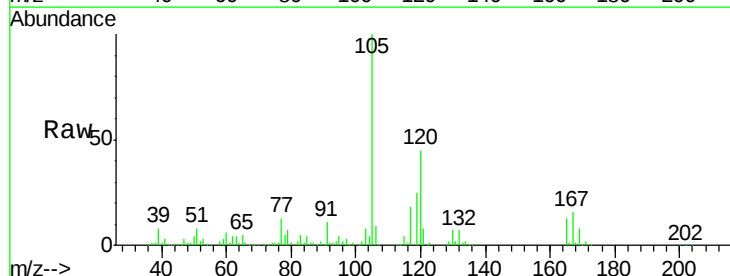
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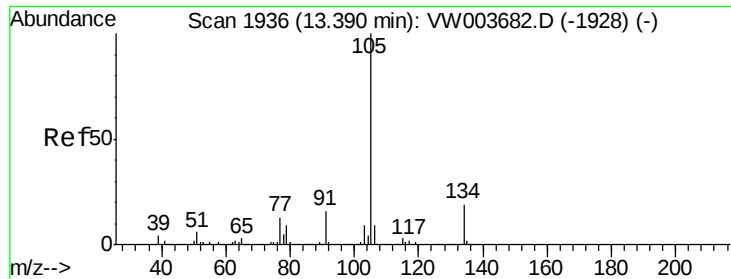
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.821 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: VW003715.D
 Acq: 05 Jul 2018 12:41

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.7	22.4	67.3





#85

sec-Butylbenzene

Concen: 19.783 ug/l

RT: 13.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VW003715.D

Acq: 05 Jul 2018 12:41

Instrument :

MSVOA_W

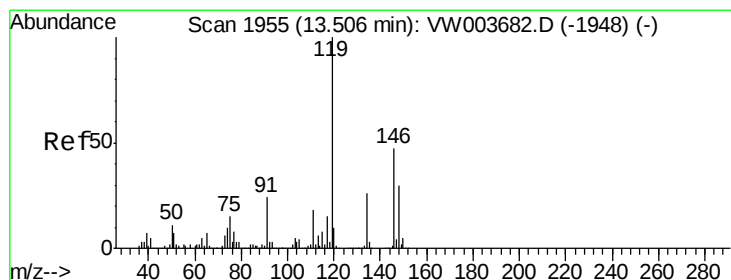
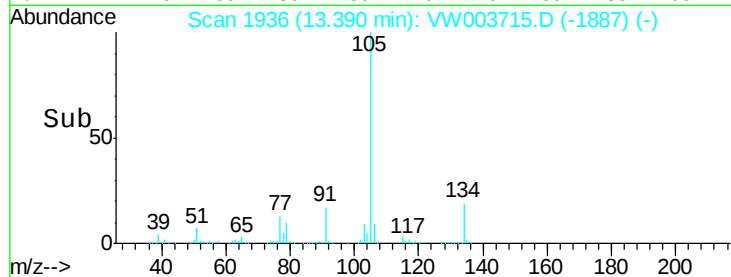
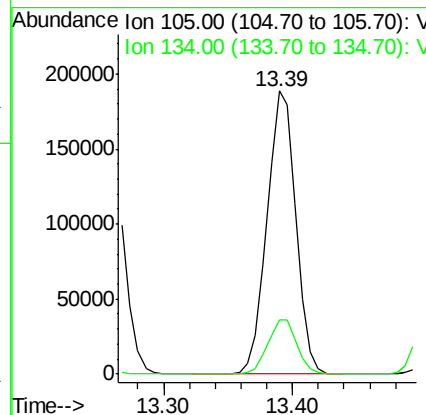
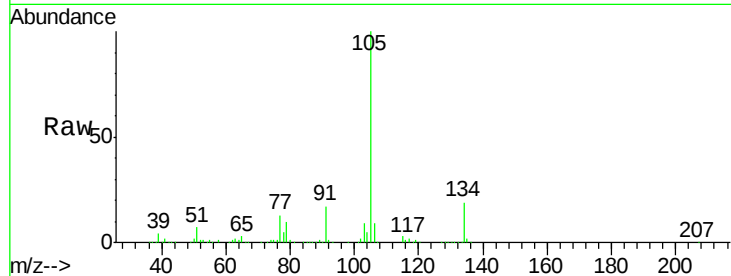
ClientSampleId :

VW0705SBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	291911		
134	19.5	9.8	29.4	

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 19.739 ug/l

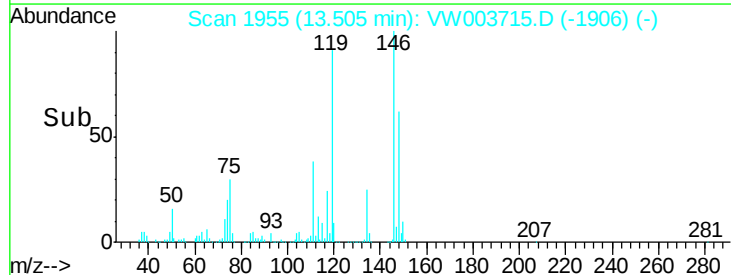
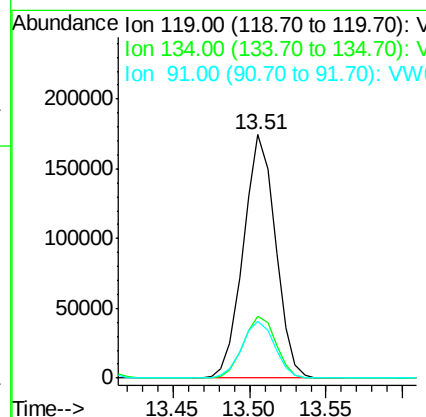
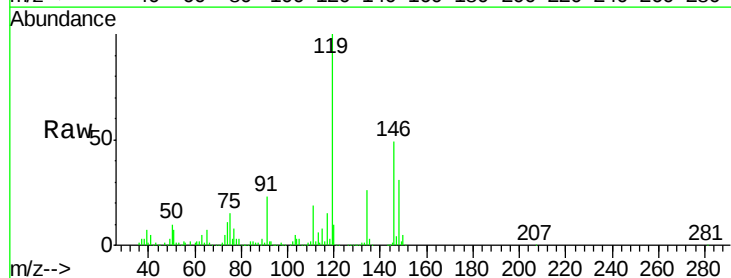
RT: 13.51 min Scan# 1955

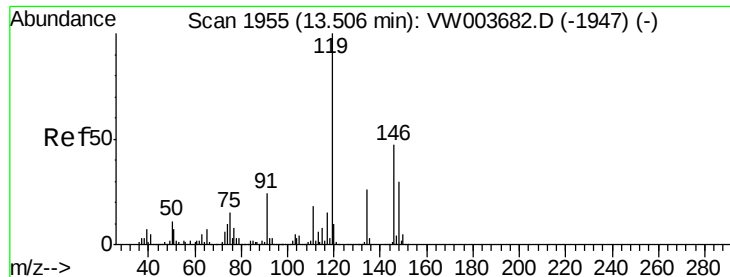
Delta R.T. -0.00 min

Lab File: VW003715.D

Acq: 05 Jul 2018 12:41

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	254754		
134	26.2	13.0	38.9	
91	23.9	11.8	35.4	





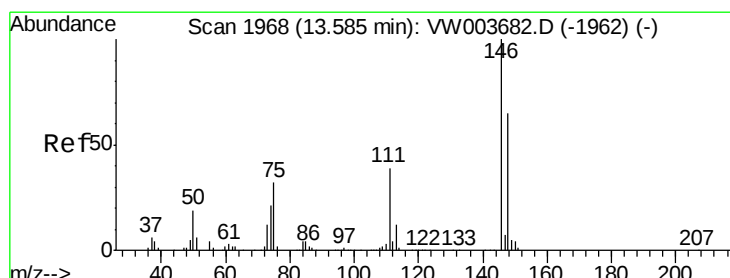
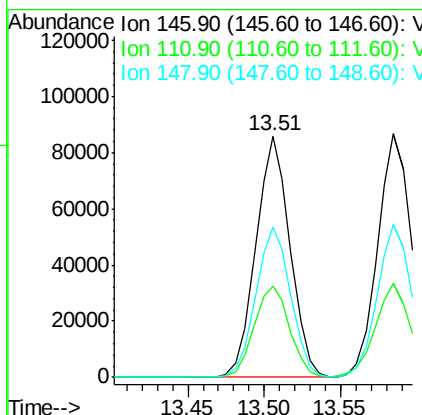
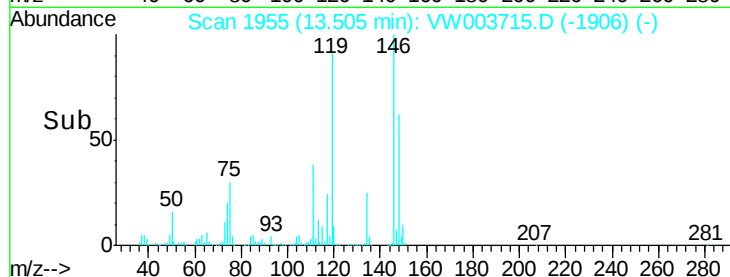
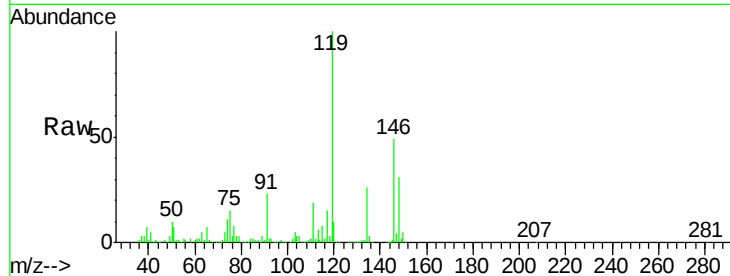
#87
 1,3-Dichlorobenzene
 Concen: 19.703 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW003715.D
 Acq: 05 Jul 2018 12:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0705SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.9	59.7
148	63.5	31.9	95.9

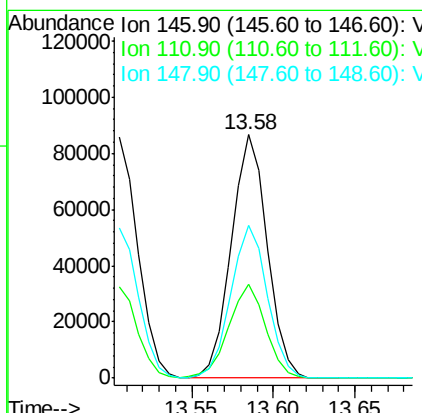
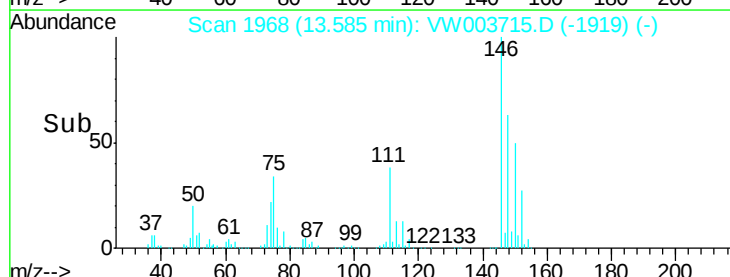
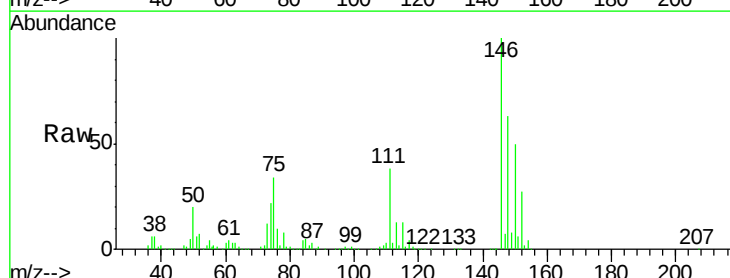
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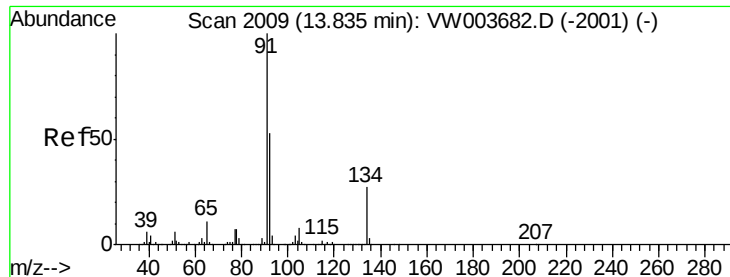
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#88
 1,4-Dichlorobenzene
 Concen: 19.666 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VW003715.D
 Acq: 05 Jul 2018 12:41

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.3	57.9
148	63.7	32.3	96.9





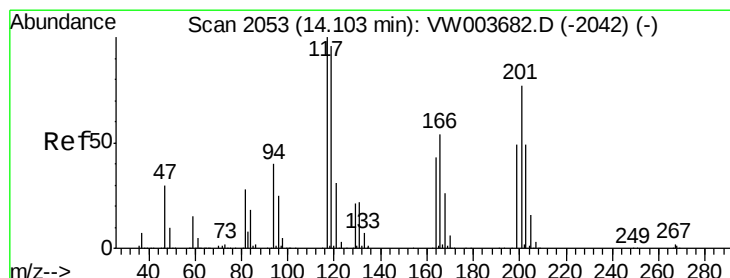
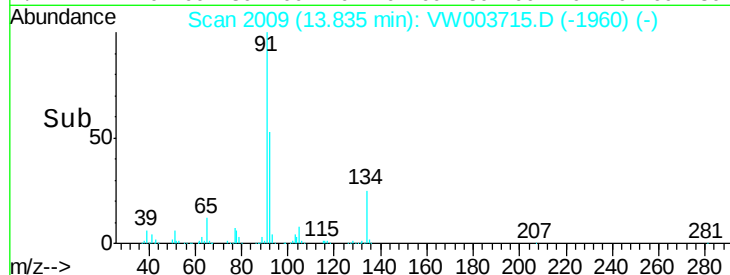
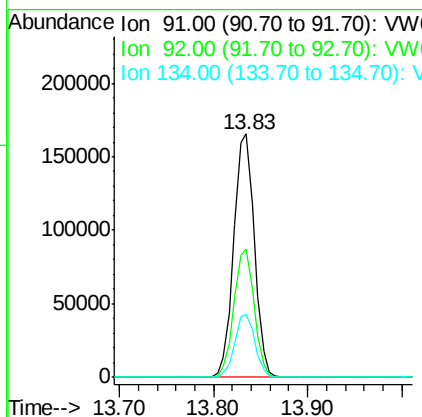
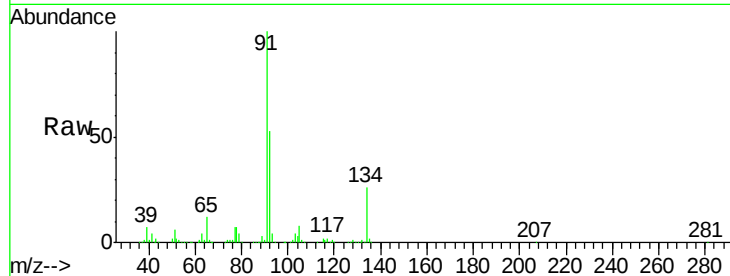
#89
n-Butylbenzene
Concen: 19.710 ug/l
RT: 13.83 min Scan# 2009
Delta R.T. -0.00 min
Lab File: VW003715.D
Acq: 05 Jul 2018 12:41

Instrument :
MSVOA_W
ClientSampleId :
VW0705SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.0	26.4	79.2
134	25.3	12.7	38.1

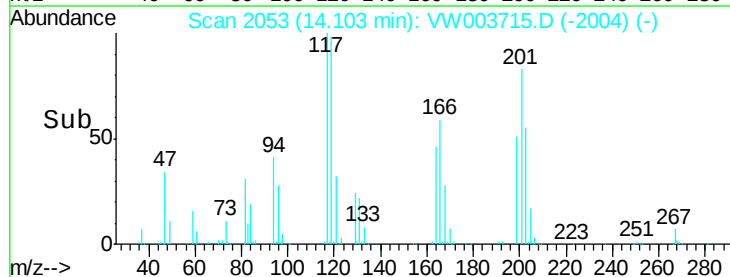
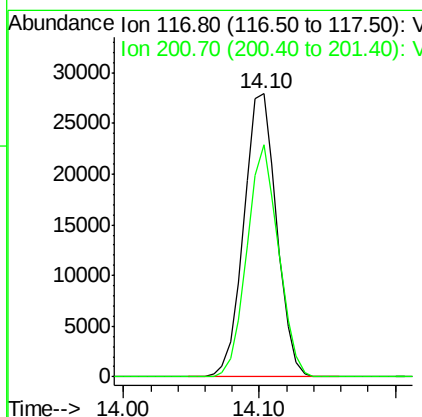
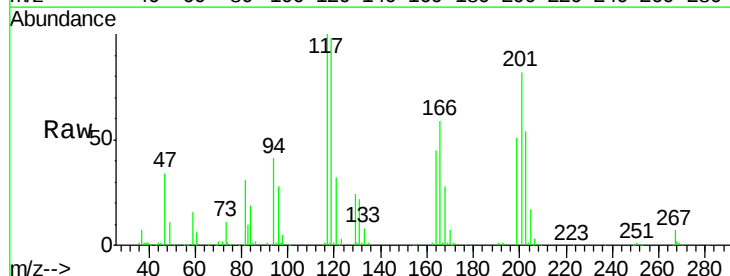
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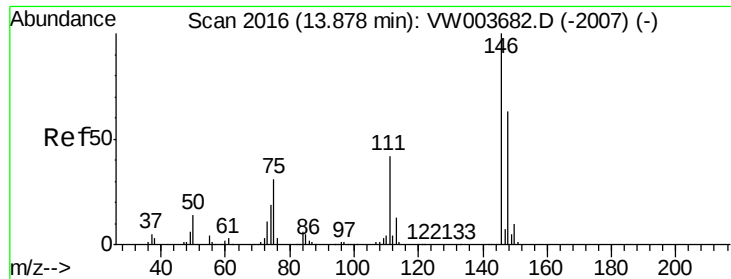
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#90
Hexachloroethane
Concen: 19.659 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. -0.00 min
Lab File: VW003715.D
Acq: 05 Jul 2018 12:41

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.1	39.1	117.2





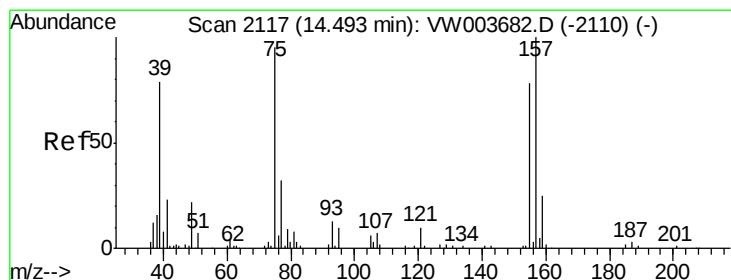
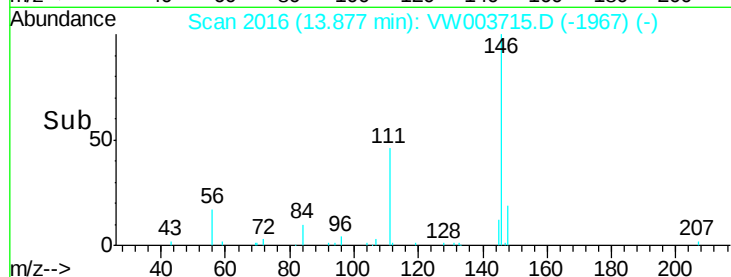
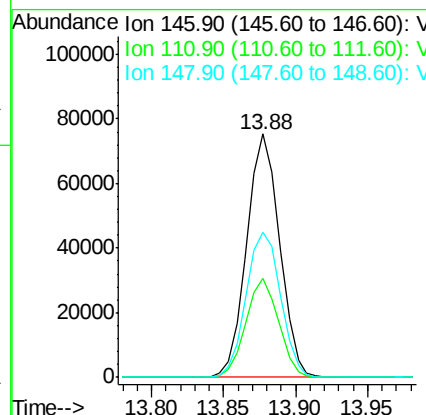
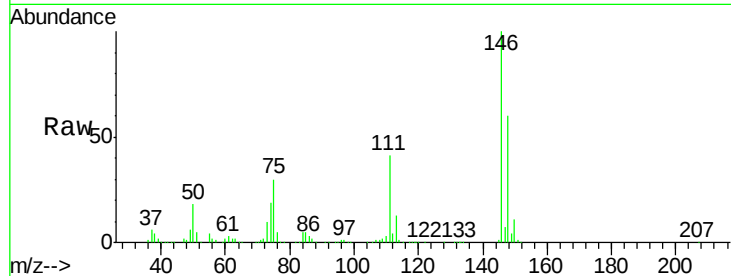
#91
 1,2-Dichlorobenzene
 Concen: 19.696 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: VW003715.D
 Acq: 05 Jul 2018 12:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0705SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.6	61.9
148	62.6	31.9	95.7

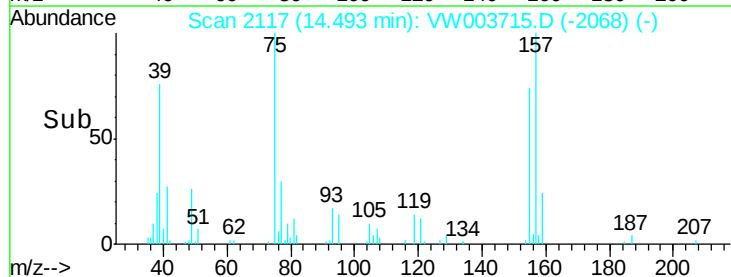
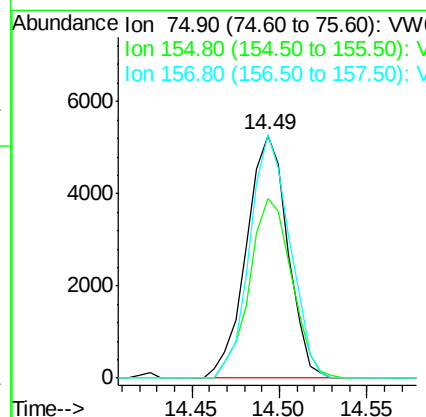
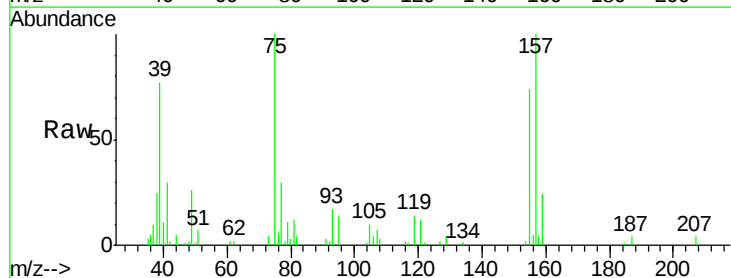
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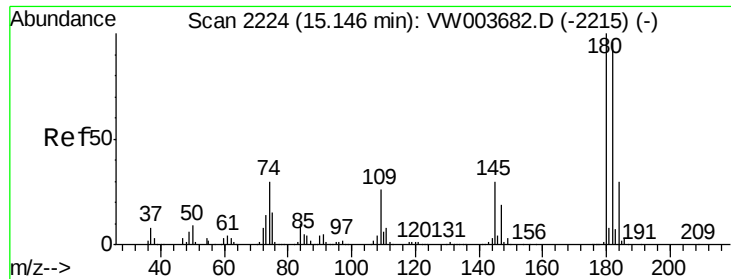
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.215 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VW003715.D
 Acq: 05 Jul 2018 12:41

Tgt Ion	Ratio	Lower	Upper
75	100		
155	76.3	40.2	120.6
157	97.2	50.7	152.3





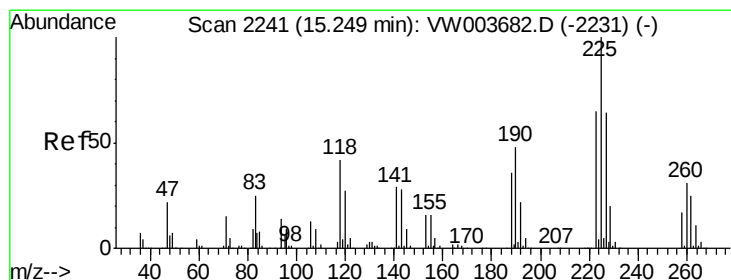
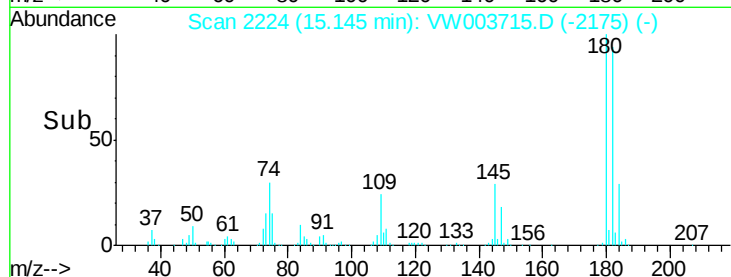
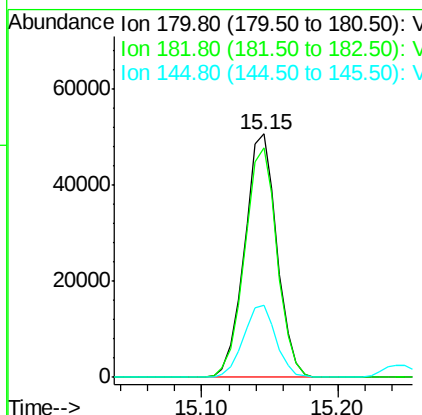
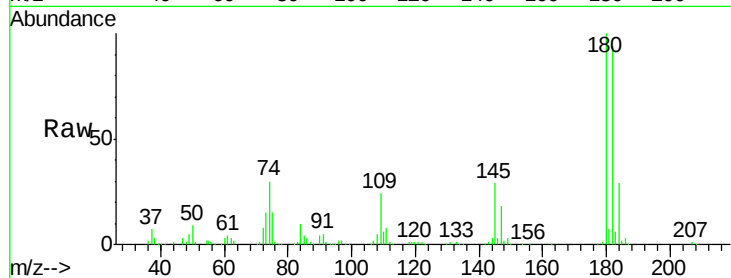
#93
 1,2,4-Trichlorobenzene
 Concen: 19.704 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. -0.00 min
 Lab File: VW003715.D
 Acq: 05 Jul 2018 12:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0705SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.6	142.8
145	29.8	14.9	44.5

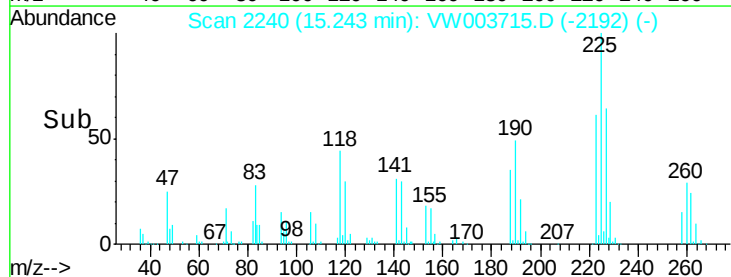
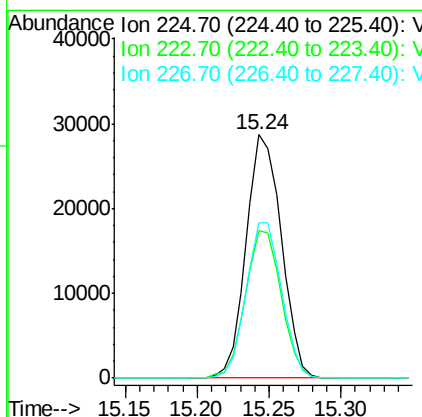
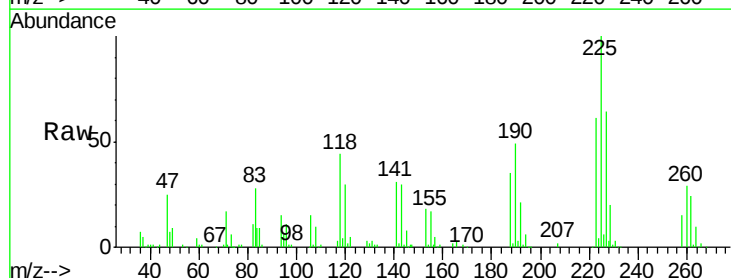
Manual Integrations
 APPROVED

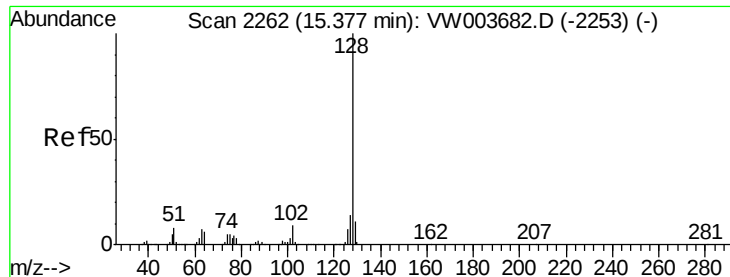
apatel
 7/6/2018 10:02:08 AM



#94
 Hexachlorobutadiene
 Concen: 19.661 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. -0.01 min
 Lab File: VW003715.D
 Acq: 05 Jul 2018 12:41

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.8	32.0	96.2
227	64.6	31.9	95.7





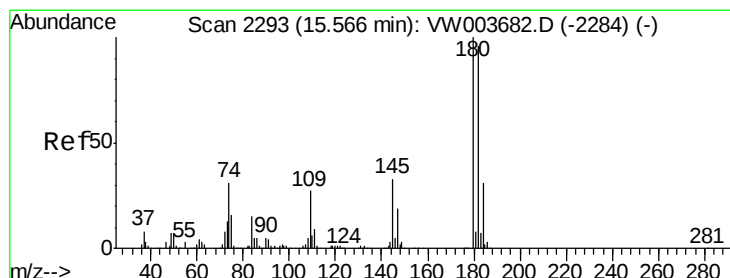
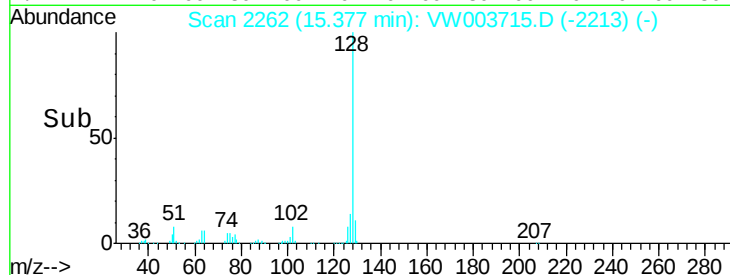
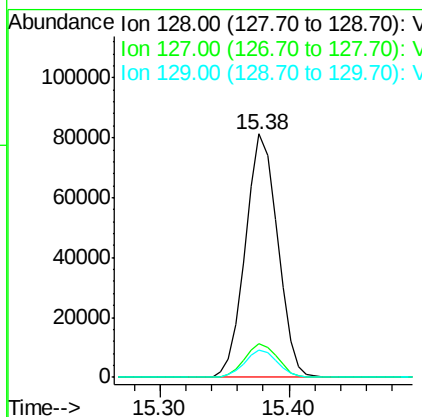
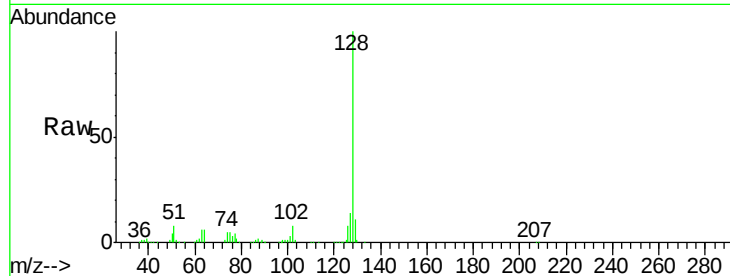
#95
Naphthalene
Concen: 18.151 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VW003715.D
Acq: 05 Jul 2018 12:41

Instrument :
MSVOA_W
ClientSampleId :
VW0705SBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.0	10.6	15.8
129	11.2	8.8	13.2

Manual Integrations
APPROVED

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7/6/2018 10:02:08 AM



#96
1,2,3-Trichlorobenzene
Concen: 19.593 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VW003715.D
Acq: 05 Jul 2018 12:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.8	143.3
145	31.5	15.9	47.7

