

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070518\
 Data File : VW003714.D
 Acq On : 05 Jul 2018 12:15
 Operator : SY/AP
 Sample : VW0705SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0705SBS01

Manual Integrations
 APPROVED

apatel
 7/6/2018 10:02:04 AM

Quant Time: Jul 06 02:53:32 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	257196	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	398990	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	368441	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	198879	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	145401	47.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.84%	
35) Dibromofluoromethane	7.88	113	128338	49.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.64%	
50) Toluene-d8	10.32	98	509971	49.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.84%	
62) 4-Bromofluorobenzene	12.62	95	183132	49.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	22382	19.370	ug/l	94
3) Chloromethane	2.21	50	36254	17.696	ug/l	98
4) Vinyl Chloride	2.36	62	48819	17.465	ug/l	94
5) Bromomethane	2.78	94	32599	17.787	ug/l	96
6) Chloroethane	2.92	64	30731	18.271	ug/l	97
7) Trichlorofluoromethane	3.25	101	25567	17.200	ug/l	91
8) Diethyl Ether	3.67	74	25874	18.812	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.05	101	47824	19.360	ug/l	99
10) Methyl Iodide	4.26	142	66809	18.418	ug/l	99
11) Tert butyl alcohol	5.22	59	15429	80.413	ug/l #	90
12) 1,1-Dichloroethene	4.03	96	45985	18.678	ug/l	98
13) Acrolein	3.89	56	9782	105.069	ug/l	87
14) Allyl chloride	4.65	41	78339	18.604	ug/l	100
15) Acrylonitrile	5.37	53	56436	88.472	ug/l	99
16) Acetone	4.14	43	65955	90.109	ug/l	99
17) Carbon Disulfide	4.37	76	125736	17.012	ug/l	99
18) Methyl Acetate	4.67	43	29339	18.908	ug/l	97
19) Methyl tert-butyl Ether	5.42	73	88061	18.311	ug/l	97
20) Methylene Chloride	4.90	84	61577	19.955	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	49126	18.219	ug/l	98
22) Diisopropyl ether	6.31	45	162592	18.834	ug/l	98
23) Vinyl Acetate	6.26	43	472790	90.156	ug/l	100
24) 1,1-Dichloroethane	6.21	63	97449	18.928	ug/l	98
25) 2-Butanone	7.18	43	83472	89.063	ug/l	95
26) 2,2-Dichloropropane	7.17	77	61001	19.324	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	56073	19.096	ug/l	98
28) Bromochloromethane	7.51	49	45534	20.121	ug/l	99
29) Tetrahydrofuran	7.54	42	48082	85.583	ug/l	99
30) Chloroform	7.68	83	100051	19.219	ug/l	96
31) Cyclohexane	7.95	56	84774	18.085	ug/l #	93
32) 1,1,1-Trichloroethane	7.87	97	79696	19.666	ug/l	99
36) 1,1-Dichloropropene	8.08	75	77205	19.276	ug/l	98
37) Ethyl Acetate	7.26	43	34354	17.622	ug/l	99
38) Carbon Tetrachloride	8.07	117	75004	19.686	ug/l	97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	83565	18.118	ug/l	99
40) Benzene	8.32	78	217485	19.320	ug/l	100
41) Methacrylonitrile	7.49	41	19554	17.646	ug/l	97
42) 1,2-Dichloroethane	8.40	62	67565	19.061	ug/l	100
43) Isopropyl Acetate	8.43	43	64676	17.614	ug/l	99
44) Trichloroethene	9.09	130	56427	19.390	ug/l	97
45) 1,2-Dichloropropane	9.37	63	56518	19.354	ug/l	96
46) Dibromomethane	9.46	93	28294	18.656	ug/l	98
47) Bromodichloromethane	9.65	83	72383	19.307	ug/l	100
48) Methyl methacrylate	9.44	41	31364	18.441	ug/l	100
49) 1,4-Dioxane	9.48	88	8260	347.193	ug/l #	94
51) 4-Methyl-2-Pentanone	10.21	43	174254	90.063	ug/l	99
52) Toluene	10.39	92	136887	19.486	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	74485	19.151	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	83442	18.923	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	40463	18.938	ug/l	97
56) Ethyl methacrylate	10.65	69	47633	18.168	ug/l	97
57) 1,3-Dichloropropane	10.93	76	71181	19.177	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	112889	98.846	ug/l	99
59) 2-Hexanone	10.98	43	128676	93.037	ug/l	96
60) Dibromochloromethane	11.13	129	48314	19.343	ug/l	97
61) 1,2-Dibromoethane	11.24	107	38994	19.054	ug/l	99
64) Tetrachloroethene	10.87	164	48231	19.368	ug/l	95
65) Chlorobenzene	11.66	112	152489	19.686	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	54048	19.965	ug/l	99
67) Ethyl Benzene	11.74	91	262759	19.360	ug/l	100
68) m/p-Xylenes	11.84	106	204924	39.705	ug/l	100
69) o-Xylene	12.17	106	92014	19.285	ug/l	99
70) Styrene	12.19	104	156098	19.479	ug/l	98
71) Bromoform	12.35	173	28492	18.942	ug/l #	100
73) Isopropylbenzene	12.47	105	261702	19.345	ug/l	100
74) N-amyl acetate	12.28	43	62631	17.533	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	49564	18.731	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	32958m	18.431	ug/l	
77) Bromobenzene	12.76	156	62760	19.330	ug/l	99
78) n-propylbenzene	12.81	91	328962	19.684	ug/l	100
79) 2-Chlorotoluene	12.90	91	183201	19.264	ug/l	97
80) 1,3,5-Trimethylbenzene	12.95	105	226414	19.784	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	14982	17.753	ug/l	98
82) 4-Chlorotoluene	12.99	91	197368	19.550	ug/l	100
83) tert-Butylbenzene	13.21	119	187910	19.465	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	233702	19.836	ug/l	100
85) sec-Butylbenzene	13.39	105	280486	19.526	ug/l	100
86) p-Isopropyltoluene	13.51	119	246223	19.596	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	128941	19.568	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	129194	19.621	ug/l	98
89) n-Butylbenzene	13.83	91	241580	19.447	ug/l	99
90) Hexachloroethane	14.10	117	45854	19.643	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	116522	19.777	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7922	17.183	ug/l	98

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VW0705SBS01

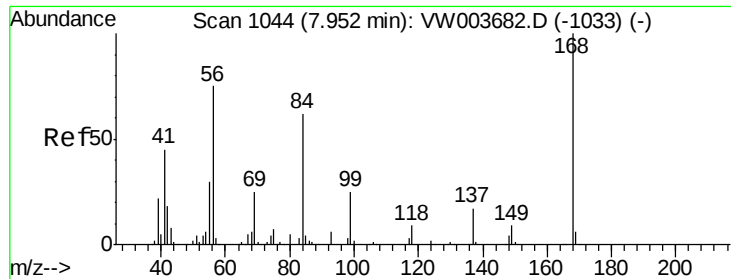
Manual Integrations
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7/6/2018 10:02:04 AM

Quant Time: Jul 06 02:53:32 2018
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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	80204	19.306	ug/l	100
94) Hexachlorobutadiene	15.25	225	47190	19.668	ug/l	99
95) Naphthalene	15.38	128	135186	17.943	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	70725	19.112	ug/l	99

(#) = 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: VW003714.D

Acq: 05 Jul 2018 12:15

Instrument :

MSVOA_W

ClientSampleId :

VW0705SBS01

Tot Ion:168 Resp: 257196

Ion Ratio Lower Upper

168 100

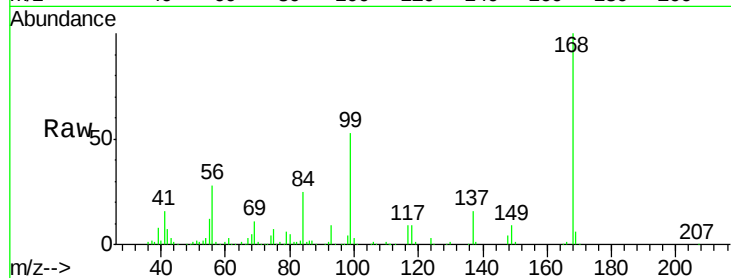
99 52.7 45.4 68.2

Manual Integrations

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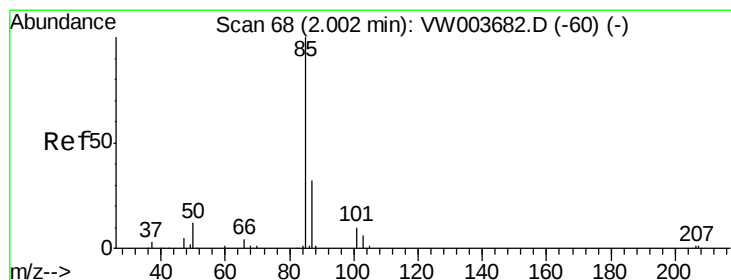
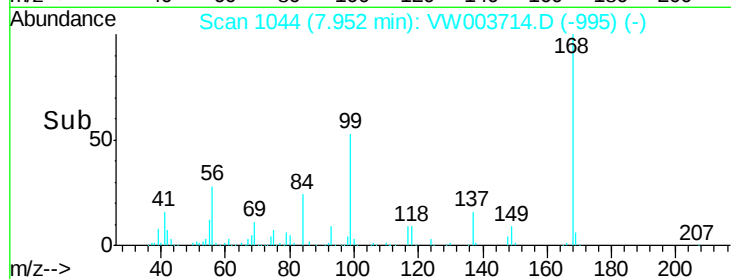
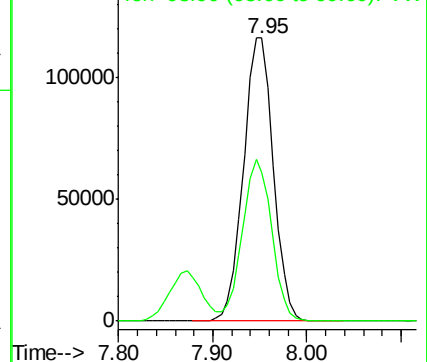
apatel

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 19.370 ug/l

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW003714.D

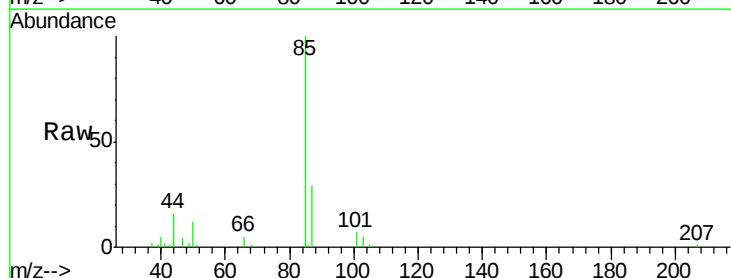
Acq: 05 Jul 2018 12:15

Tgt Ion: 85 Resp: 22382

Ion Ratio Lower Upper

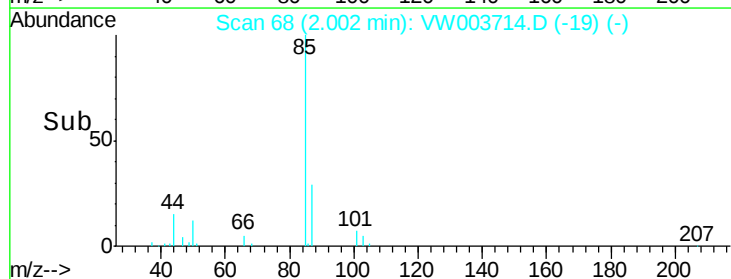
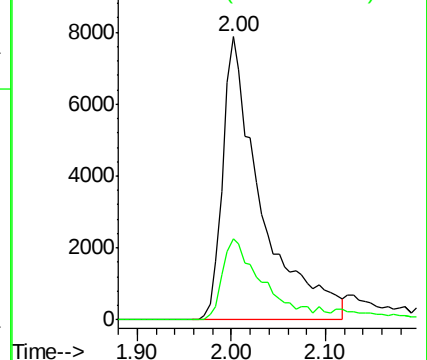
85 100

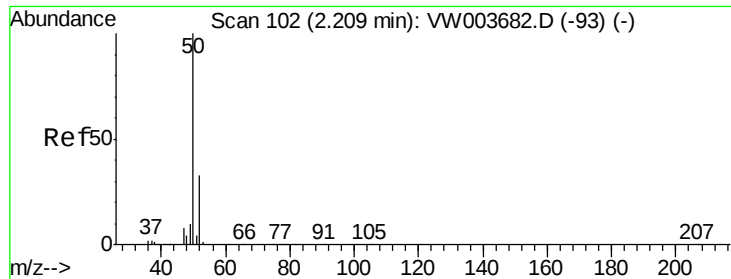
87 28.8 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 17.696 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW003714.D

Acq: 05 Jul 2018 12:15

Instrument :

MSVOA_W

ClientSampled :

VW0705SBS01

Tot Ion: 50 Resp: 36254

Ion Ratio Lower Upper

50 100

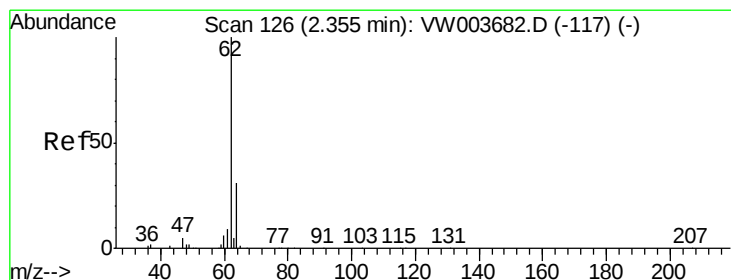
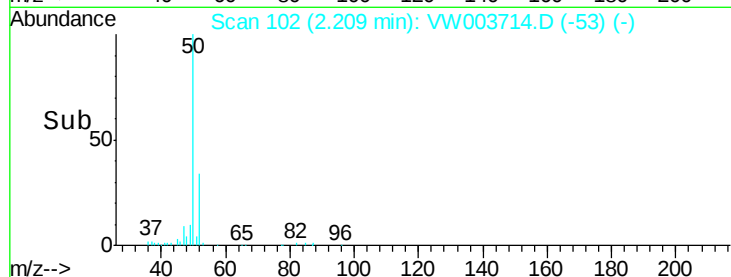
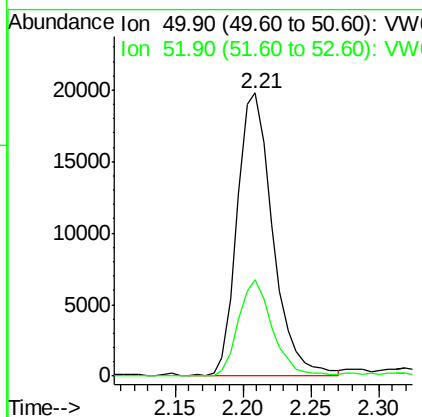
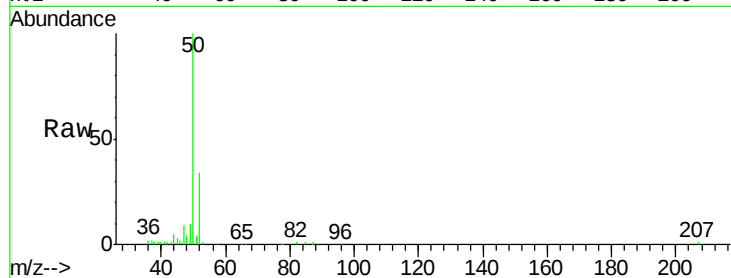
52 34.0 26.1 39.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 17.465 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW003714.D

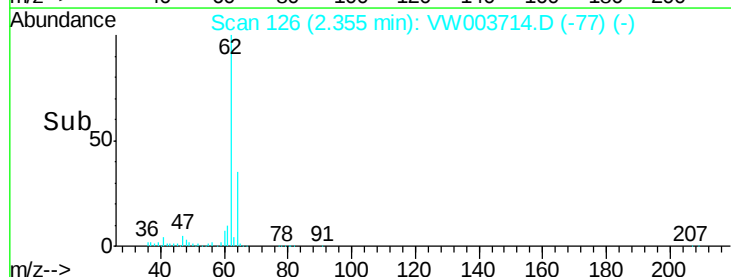
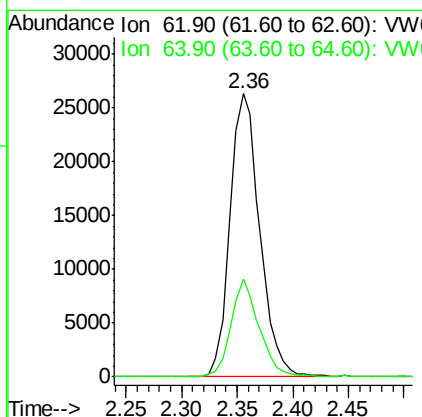
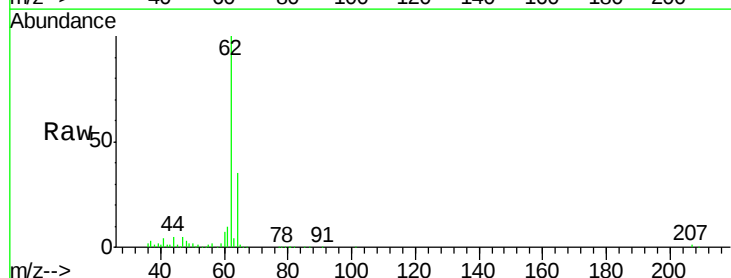
Acq: 05 Jul 2018 12:15

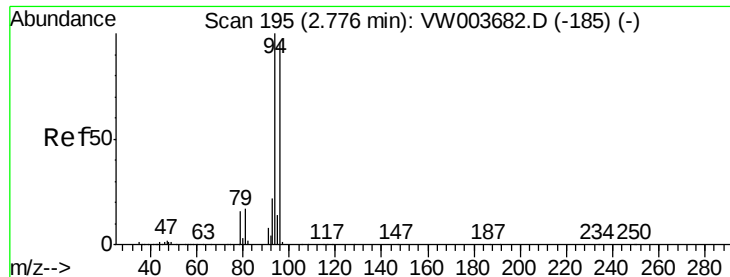
Tgt Ion: 62 Resp: 48819

Ion Ratio Lower Upper

62 100

64 34.7 25.1 37.7





#5

Bromomethane

Concen: 17.787 ug/l

RT: 2.78 min Scan# 195

Delta R.T. 0.00 min

Lab File: VW003714.D

Acq: 05 Jul 2018 12:15

Instrument :

MSVOA_W

ClientSampleId :

VW0705SBS01

Tot Ion: 94 Resp: 32599

Ion Ratio Lower Upper

94 100

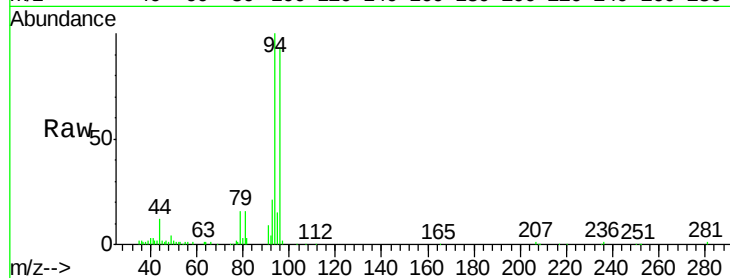
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Manual Integrations

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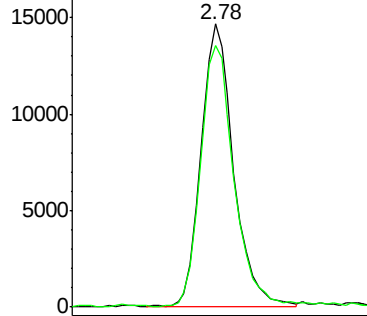
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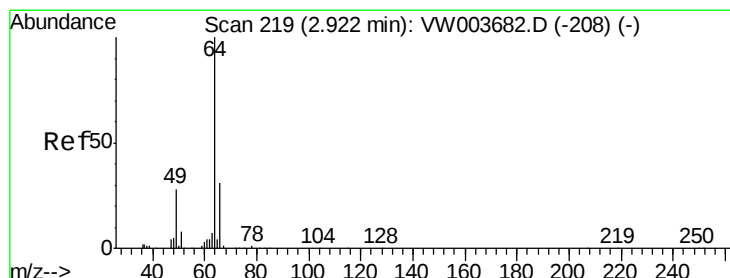
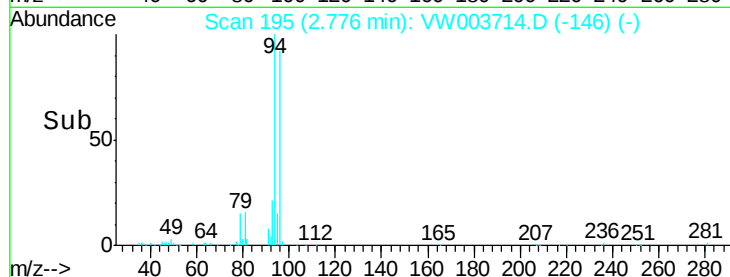


Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



Time-->



#6

Chloroethane

Concen: 18.271 ug/l

RT: 2.92 min Scan# 218

Delta R.T. -0.01 min

Lab File: VW003714.D

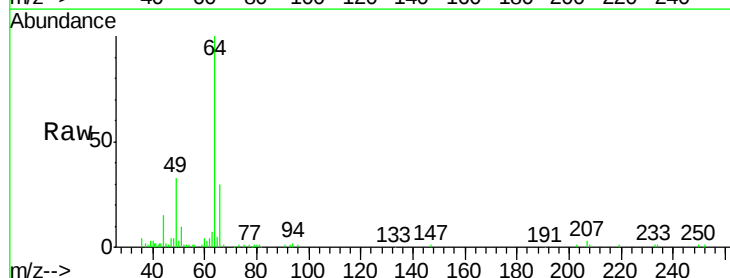
Acq: 05 Jul 2018 12:15

Tgt Ion: 64 Resp: 30731

Ion Ratio Lower Upper

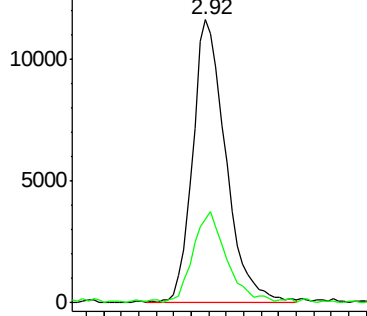
64 100

66 29.5 25.0 37.6

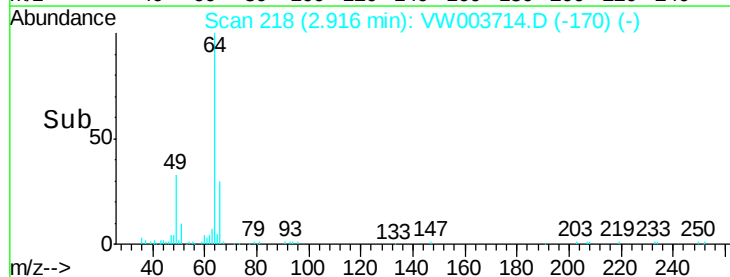


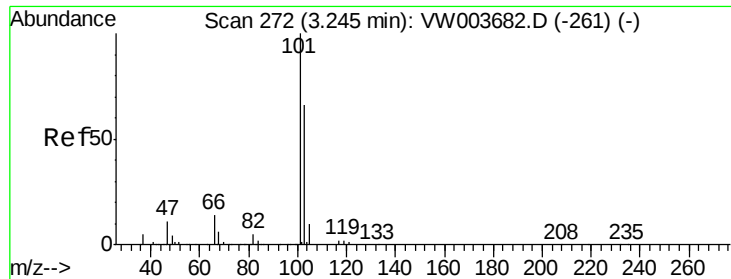
Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



Time-->





#7

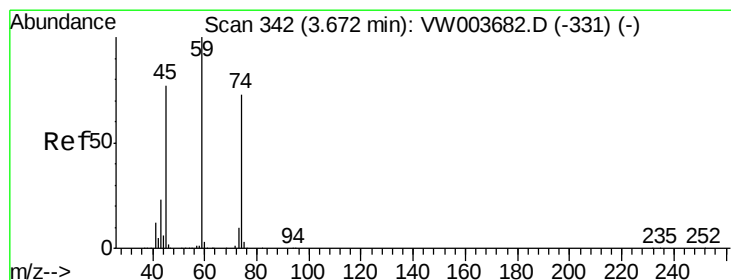
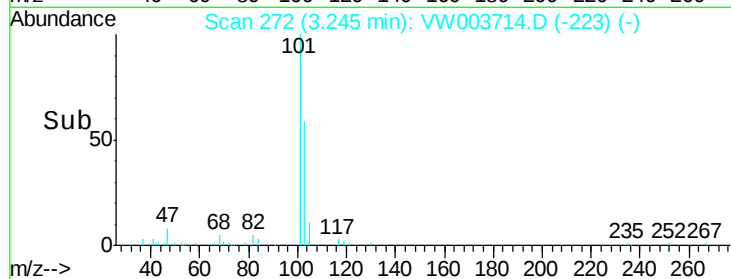
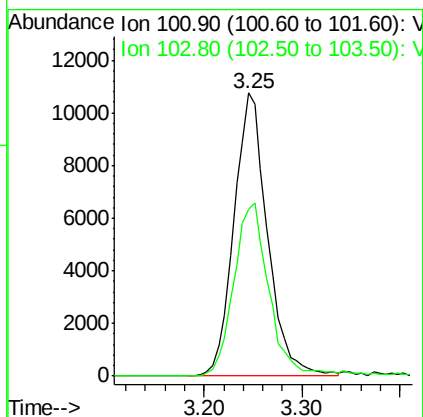
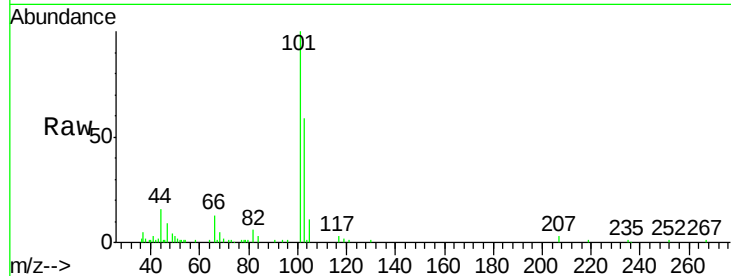
Trichlorofluoromethane
 Concen: 17.200 ug/l
 RT: 3.25 min Scan# 272
 Delta R.T. 0.00 min
 Lab File: VW003714.D
 Acq: 05 Jul 2018 12:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0705SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	59.1	52.9	79.3

Manual Integrations
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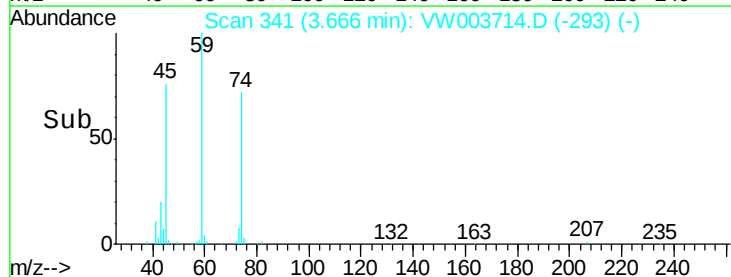
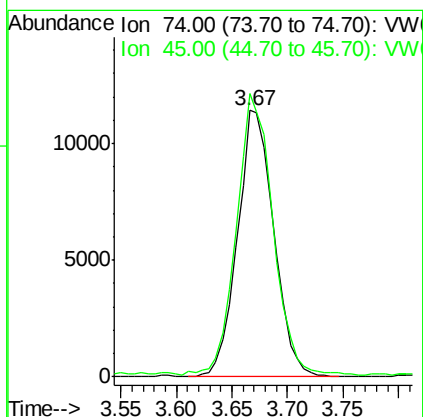
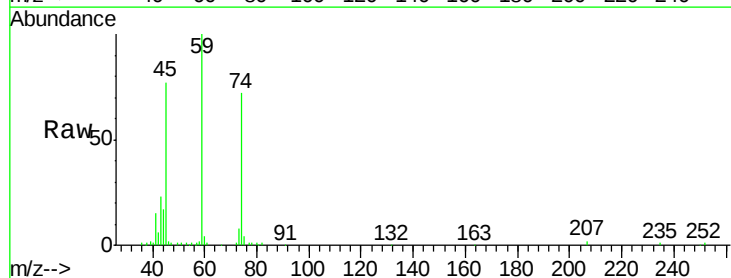
apatel
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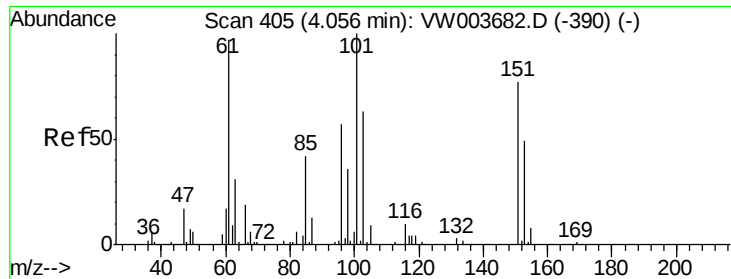


#8

Diethyl Ether
 Concen: 18.812 ug/l
 RT: 3.67 min Scan# 341
 Delta R.T. -0.01 min
 Lab File: VW003714.D
 Acq: 05 Jul 2018 12:15

Tgt Ion	Ratio	Lower	Upper
74	100		
45	106.3	53.5	160.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.360 ug/l

RT: 4.05 min Scan# 404

Delta R.T. -0.01 min

Lab File: VW003714.D

Acq: 05 Jul 2018 12:15

Instrument :

MSVOA_W

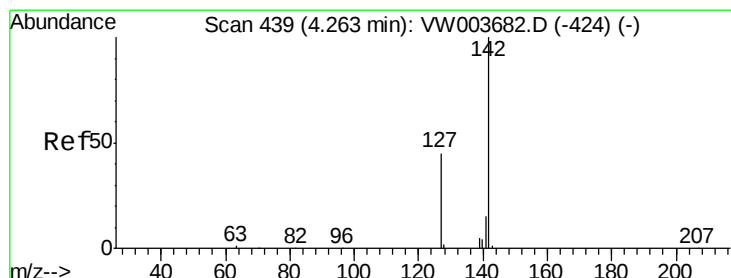
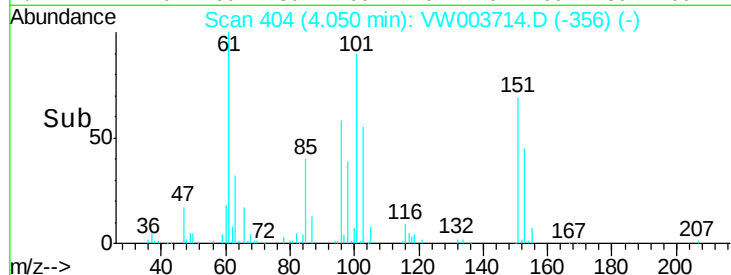
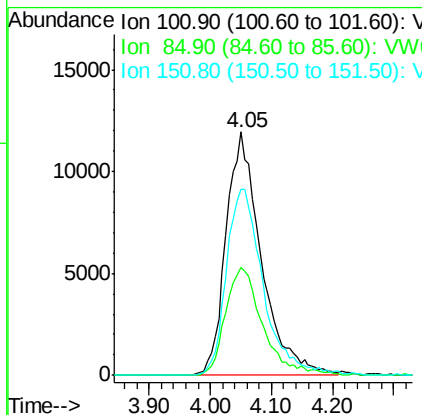
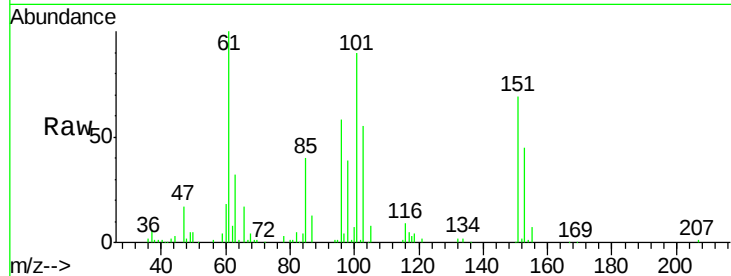
ClientSampleId :

VW0705SBS01

Tot Ion:	101	Resp:	47824
Ion Ratio	Lower	Upper	
101	100		
85	45.3	36.6	55.0
151	79.6	62.4	93.6

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#10

Methyl Iodide

Concen: 18.418 ug/l

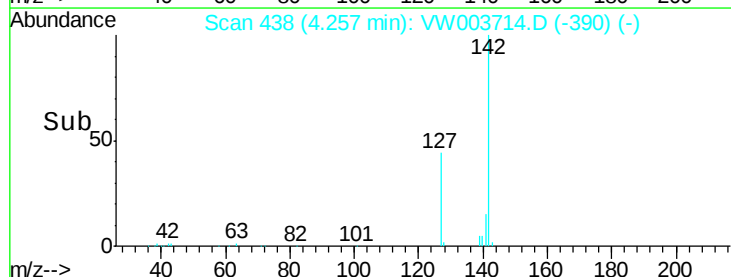
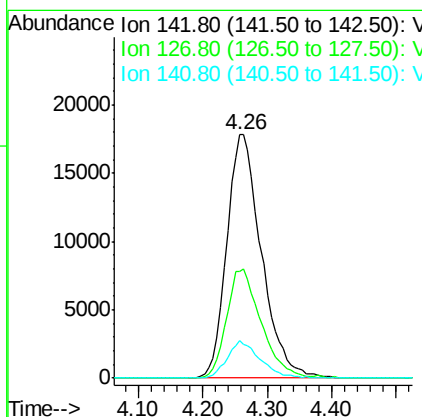
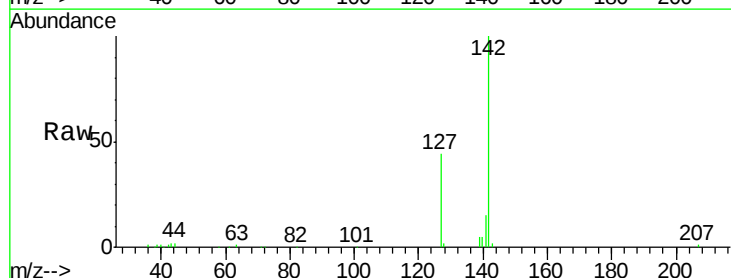
RT: 4.26 min Scan# 438

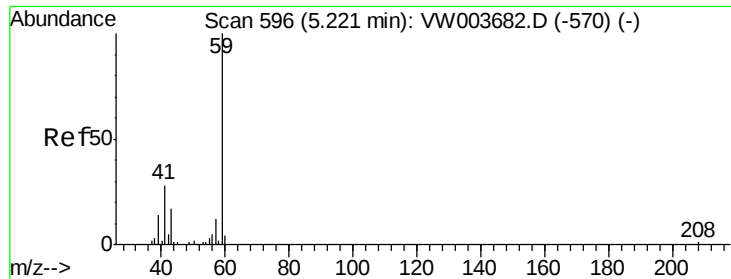
Delta R.T. -0.01 min

Lab File: VW003714.D

Acq: 05 Jul 2018 12:15

Tgt Ion:	142	Resp:	66809
Ion Ratio	Lower	Upper	
142	100		
127	44.6	36.0	54.0
141	14.6	11.9	17.9





#11

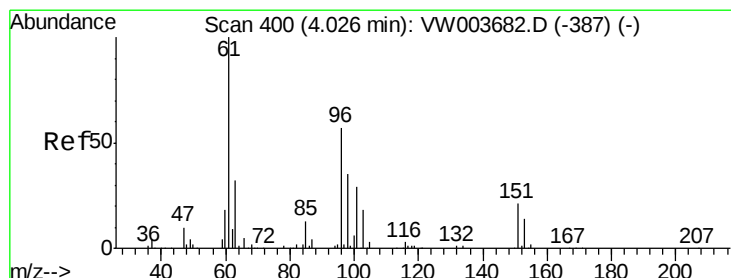
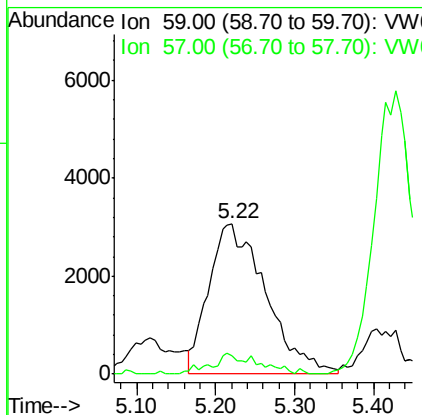
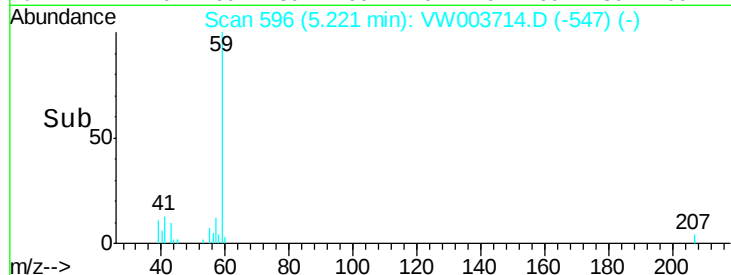
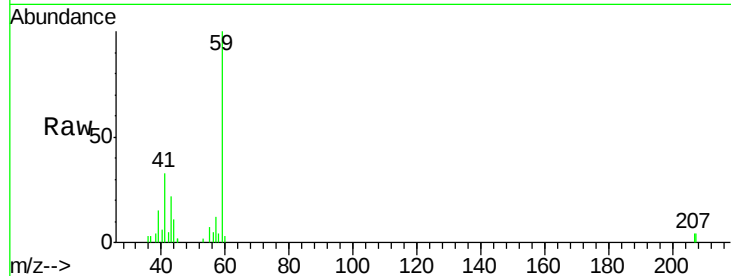
Tert butyl alcohol
Concen: 80.413 ug/l
RT: 5.22 min Scan# 596
Delta R.T. 0.00 min
Lab File: VW003714.D
Acq: 05 Jul 2018 12:15

Instrument :
MSVOA_W
ClientSampleId :
VW0705SBS01

Tot Ion	59	57	Ratio	100	7.4	Resp	15429	Lower	9.0	Upper	13.4#
Ion	59	57	Ratio	100	7.4	Resp	15429	Lower	9.0	Upper	13.4#

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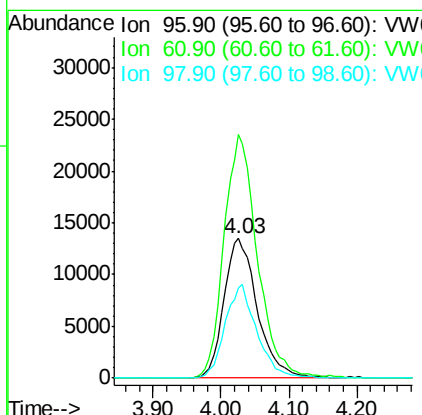
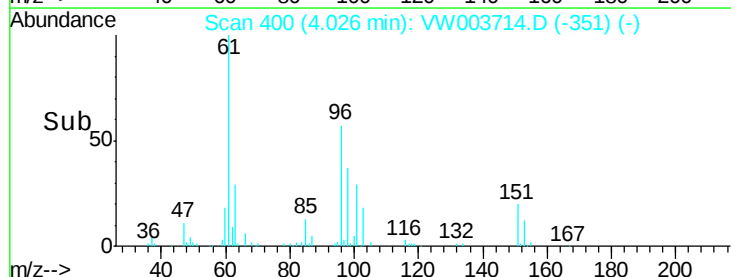
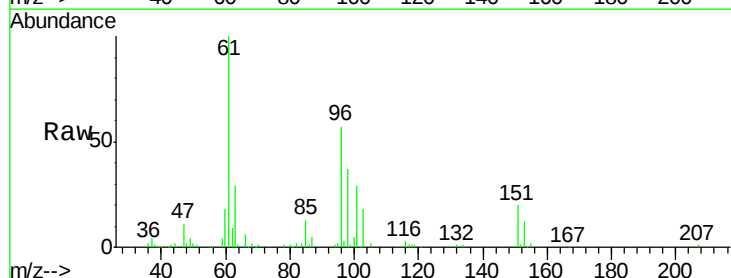
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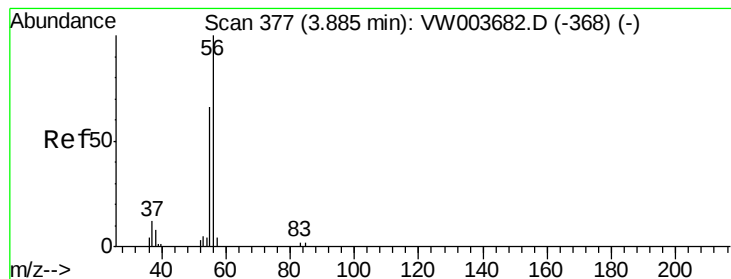


#12

1,1-Dichloroethene
Concen: 18.678 ug/l
RT: 4.03 min Scan# 400
Delta R.T. 0.00 min
Lab File: VW003714.D
Acq: 05 Jul 2018 12:15

Tgt Ion	96	61	98	Ratio	100	173.5	64.6	Resp	45985	Lower	140.6	49.4	Upper	211.0	74.0
Ion	96	61	98	Ratio	100	173.5	64.6	Resp	45985	Lower	140.6	49.4	Upper	211.0	74.0





#13

Acrolein

Concen: 105.069 ug/l

RT: 3.89 min Scan# 377

Delta R.T. 0.00 min

Lab File: VW003714.D

Acq: 05 Jul 2018 12:15

Instrument :

MSVOA_W

ClientSampleId :

VW0705SBS01

Tot Ion: 56 Resp: 9782

Ion Ratio Lower Upper

56 100

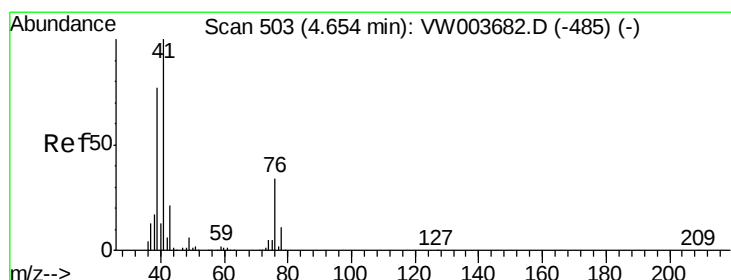
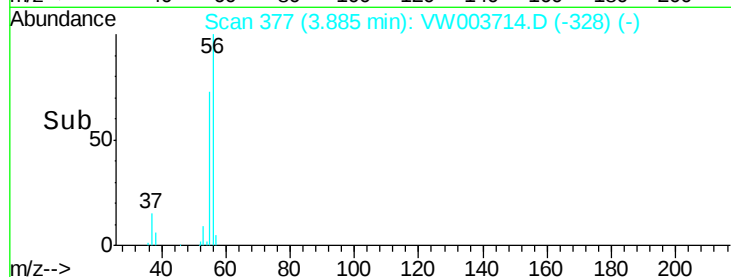
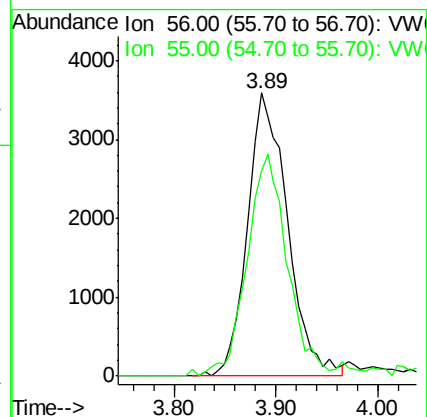
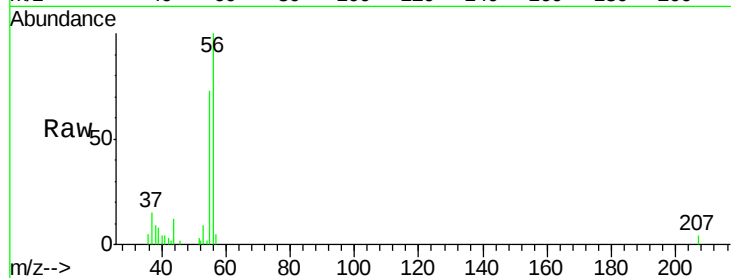
55 78.5 54.7 82.1

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#14

Allyl chloride

Concen: 18.604 ug/l

RT: 4.65 min Scan# 503

Delta R.T. 0.00 min

Lab File: VW003714.D

Acq: 05 Jul 2018 12:15

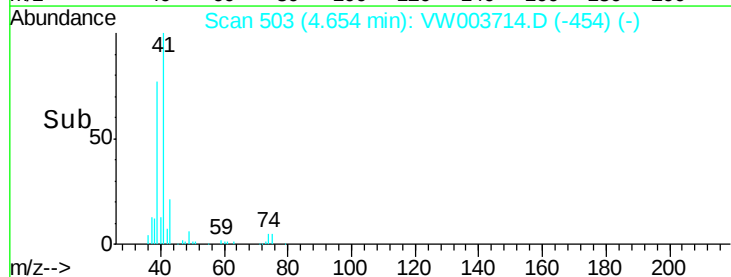
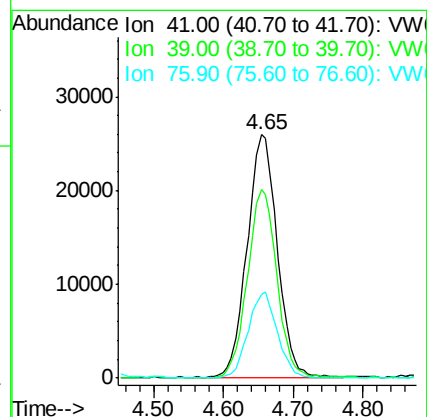
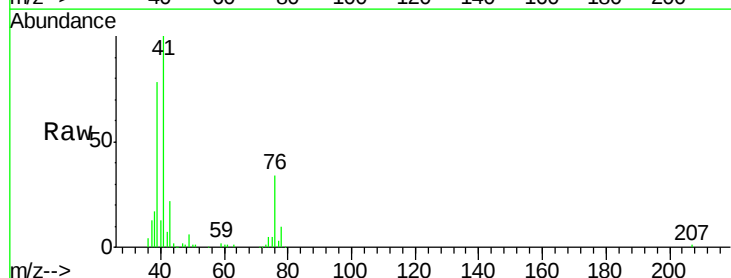
Tgt Ion: 41 Resp: 78339

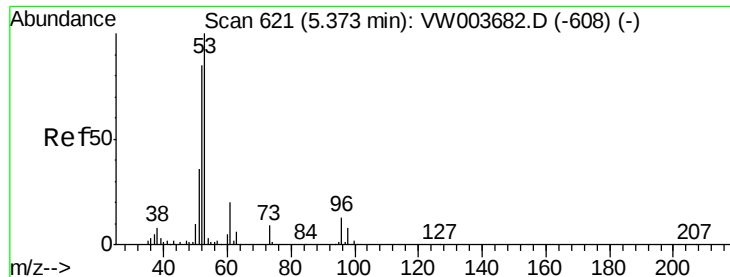
Ion Ratio Lower Upper

41 100

39 75.2 60.1 90.1

76 34.0 27.2 40.8





#15

Acrylonitrile

Concen: 88.472 ug/l

RT: 5.37 min Scan# 621

Delta R.T. 0.00 min

Lab File: VW003714.D

Acq: 05 Jul 2018 12:15

Instrument :

MSVOA_W

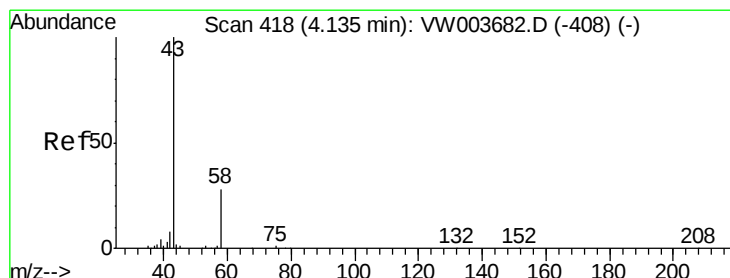
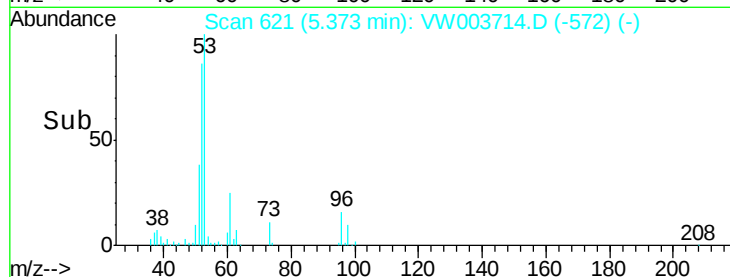
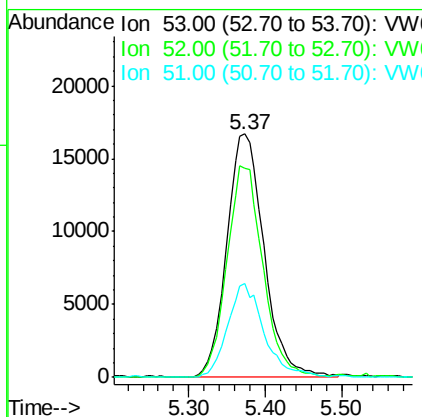
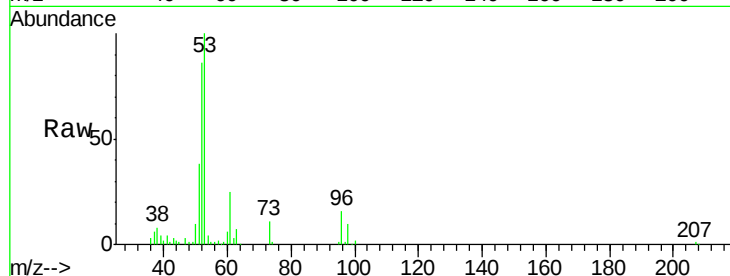
ClientSampled :

VW0705SBS01

Tot Ion:	53	Resp:	56436
Ion	Ratio	Lower	Upper
53	100		
52	84.0	66.8	100.2
51	37.5	30.2	45.4

Manual Integrations
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#16

Acetone

Concen: 90.109 ug/l

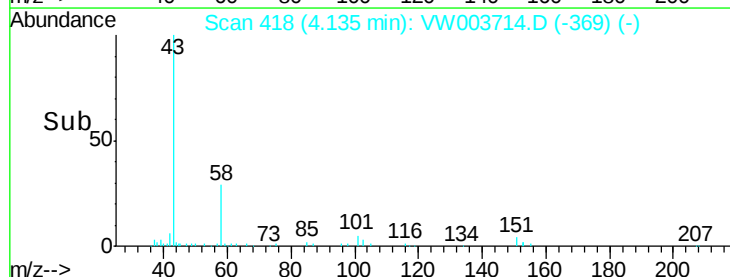
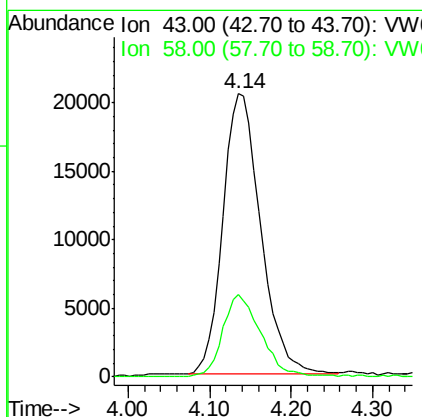
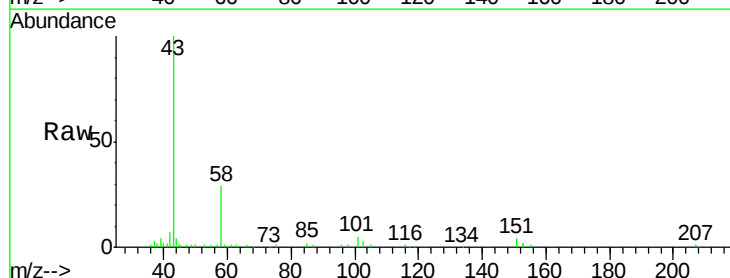
RT: 4.14 min Scan# 418

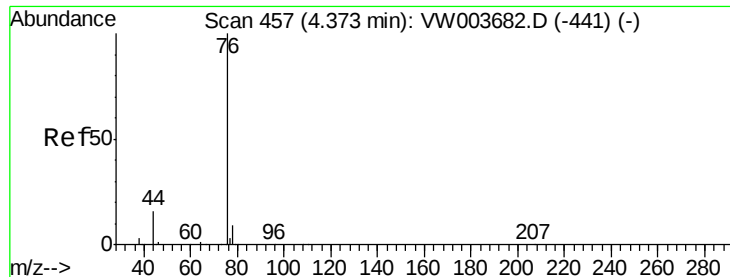
Delta R.T. 0.00 min

Lab File: VW003714.D

Acq: 05 Jul 2018 12:15

Tgt Ion:	43	Resp:	65955
Ion	Ratio	Lower	Upper
43	100		
58	29.0	22.7	34.1





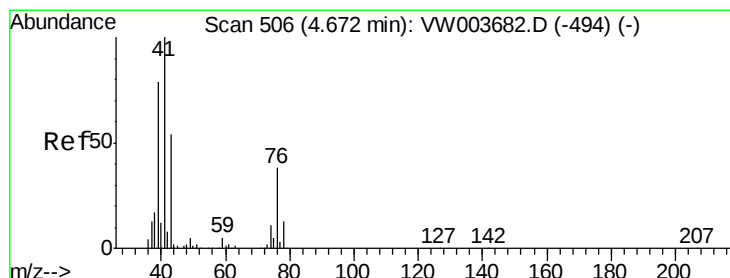
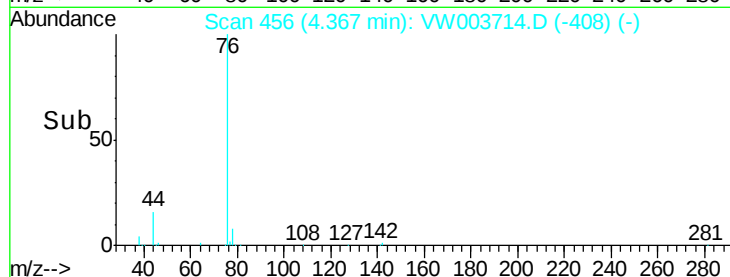
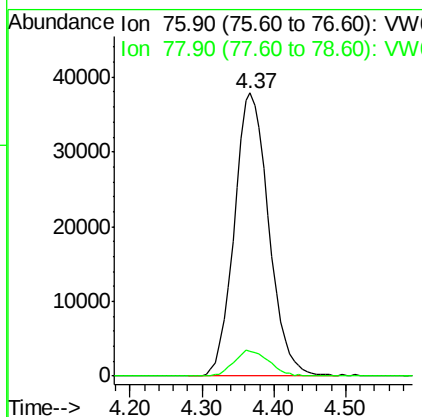
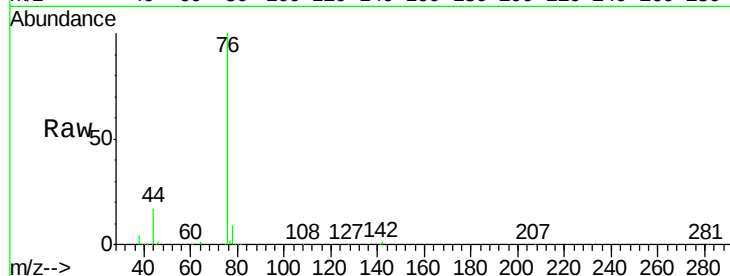
#17
Carbon Disulfide
Concen: 17.012 ug/l
RT: 4.37 min Scan# 456
Delta R.T. -0.01 min
Lab File: VW003714.D
Acq: 05 Jul 2018 12:15

Instrument :
MSVOA_W
ClientSampleId :
VW0705SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.4	11.2

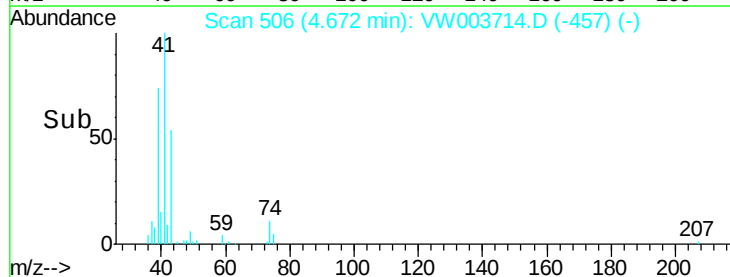
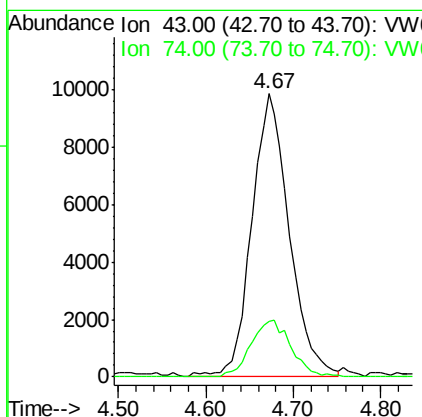
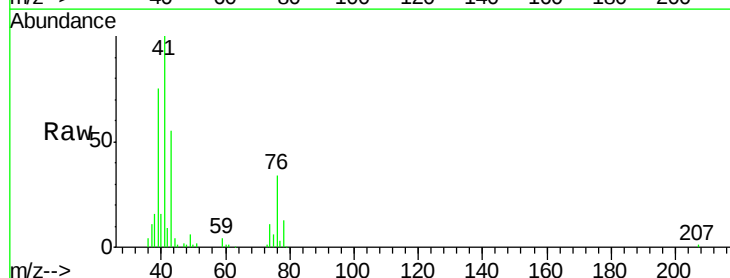
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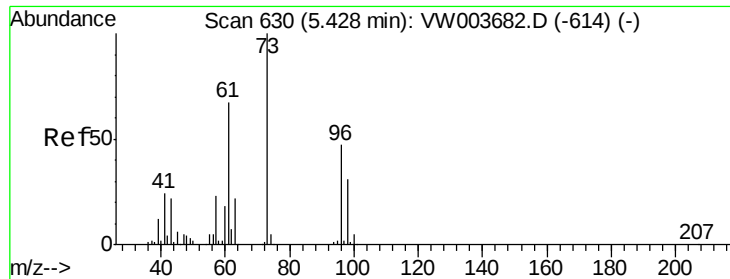
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#18
Methyl Acetate
Concen: 18.908 ug/l
RT: 4.67 min Scan# 506
Delta R.T. 0.00 min
Lab File: VW003714.D
Acq: 05 Jul 2018 12:15

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.3	18.2	27.2





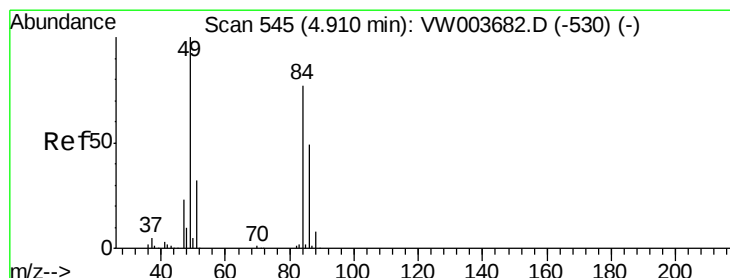
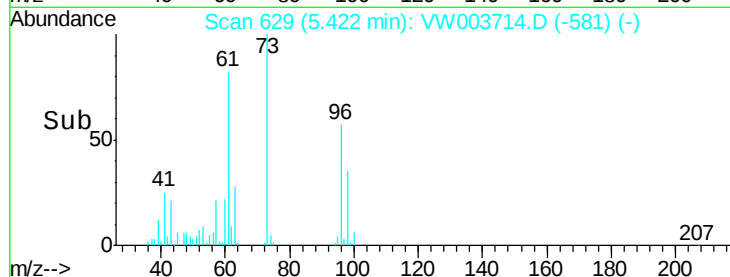
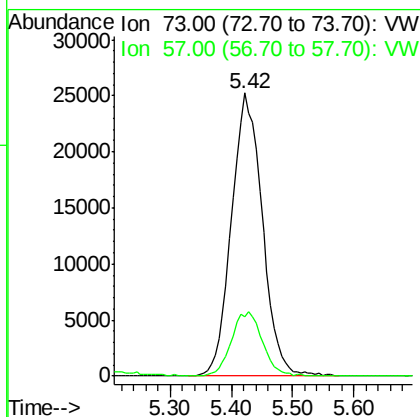
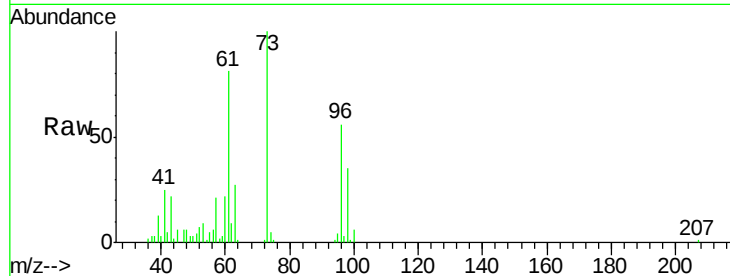
#19
Methyl tert-butyl Ether
Concen: 18.311 ug/l
RT: 5.42 min Scan# 629
Delta R.T. -0.01 min
Lab File: VW003714.D
Acq: 05 Jul 2018 12:15

Instrument :
MSVOA_W
ClientSampled :
VW0705SBS01

Tot Ion: 73 Resp: 88061
Ion Ratio Lower Upper
73 100
57 21.0 18.1 27.1

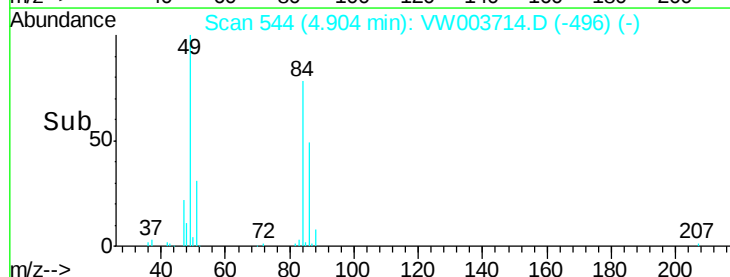
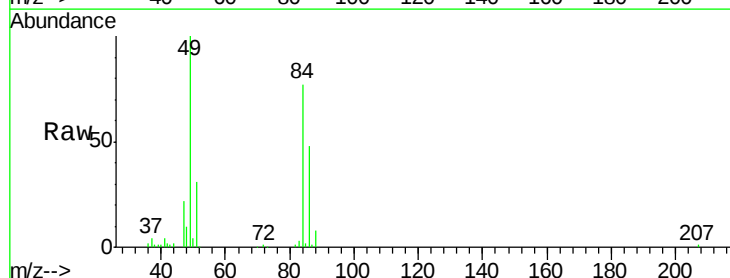
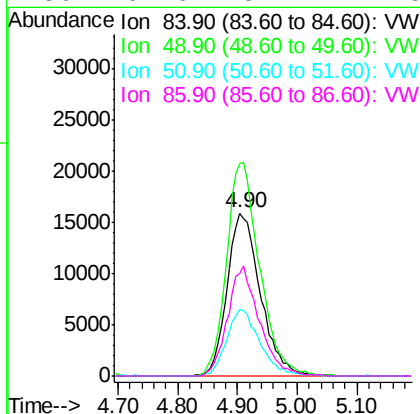
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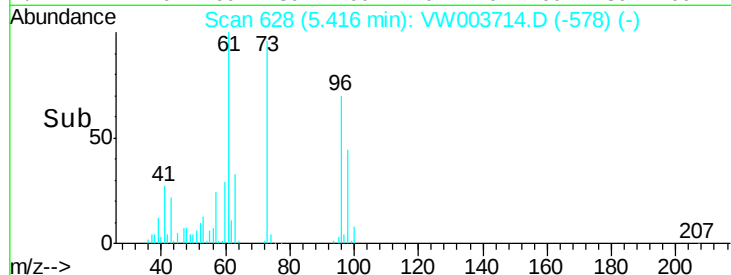
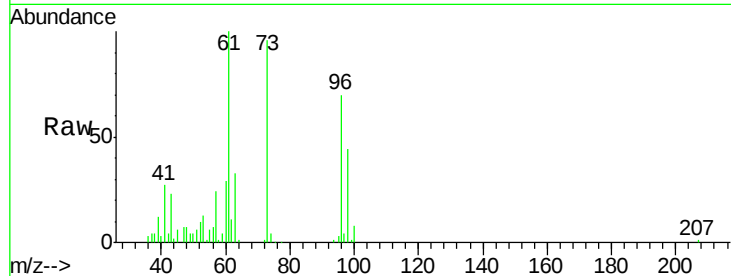
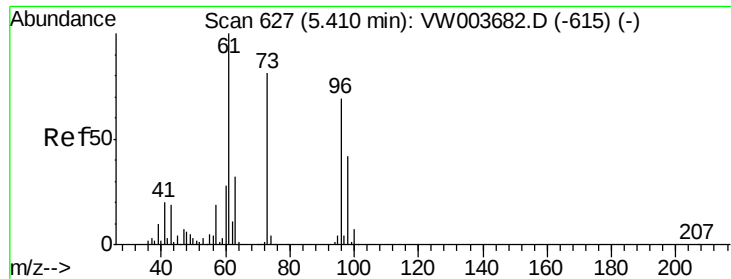
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#20
Methylene Chloride
Concen: 19.955 ug/l
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW003714.D
Acq: 05 Jul 2018 12:15

Tgt Ion: 84 Resp: 61577
Ion Ratio Lower Upper
84 100
49 130.3 104.6 156.8
51 40.7 33.2 49.8
86 62.6 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 18.219 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.01 min

Lab File: VW003714.D

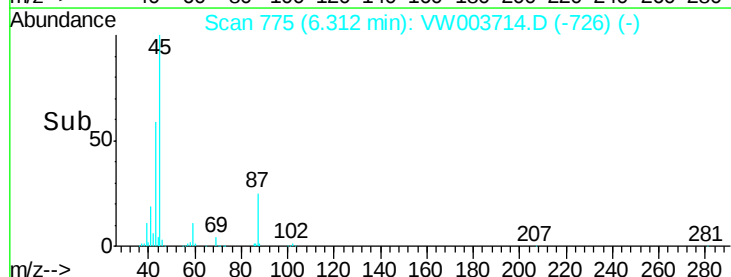
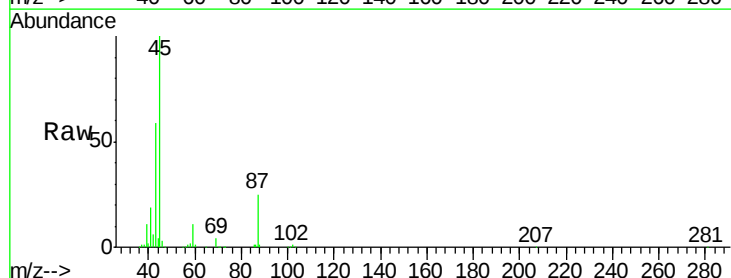
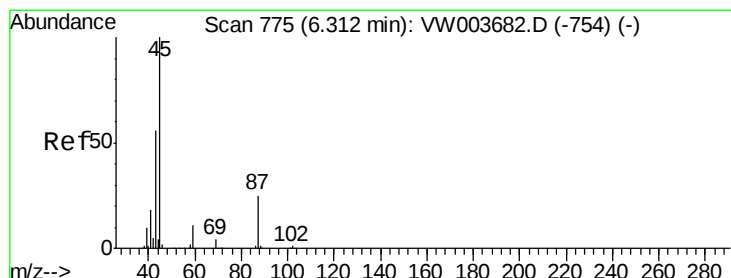
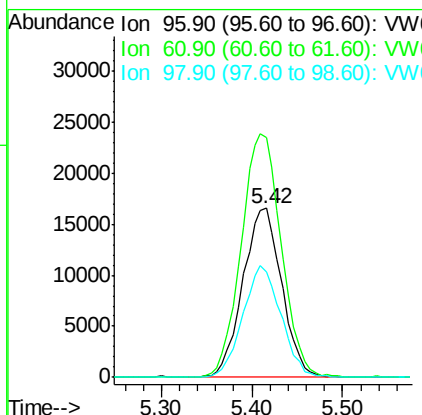
Acq: 05 Jul 2018 12:15

Tot Ion:	96	Resp:	49126
Ion	Ratio	Lower	Upper
96	100		
61	142.0	116.8	175.2
98	62.3	49.6	74.4

Instrument :
MSVOA_W
ClientSampled :
VW0705SBS01

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#22

Diisopropyl ether

Concen: 18.834 ug/l

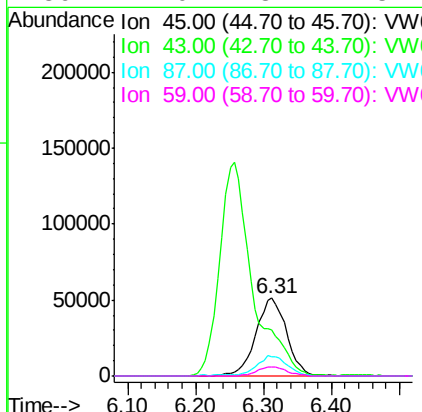
RT: 6.31 min Scan# 775

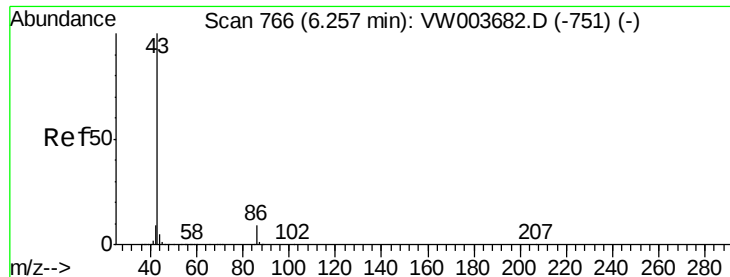
Delta R.T. 0.00 min

Lab File: VW003714.D

Acq: 05 Jul 2018 12:15

Tgt Ion:	45	Resp:	162592
Ion	Ratio	Lower	Upper
45	100		
43	58.3	44.5	66.7
87	25.0	20.2	30.4
59	11.0	8.7	13.1





#23

Vinyl Acetate

Concen: 90.156 ug/l

RT: 6.26 min Scan# 766

Delta R.T. 0.00 min

Lab File: VW003714.D

Acq: 05 Jul 2018 12:15

Instrument :

MSVOA_W

ClientSampleId :

VW0705SBS01

Tot Ion: 43 Resp: 472790

Ion Ratio Lower Upper

43 100

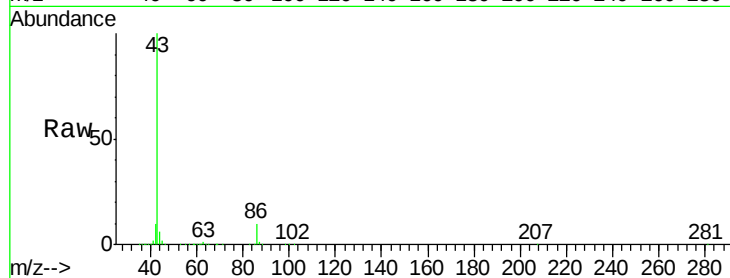
86 9.5 7.5 11.3

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

150000

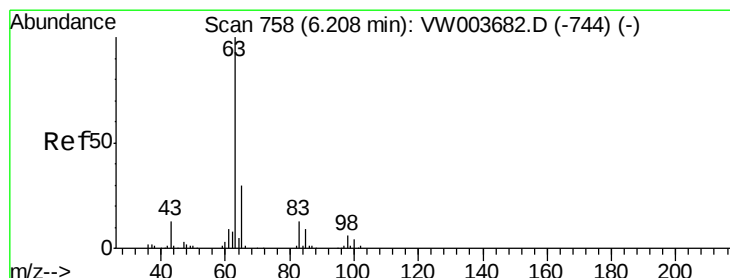
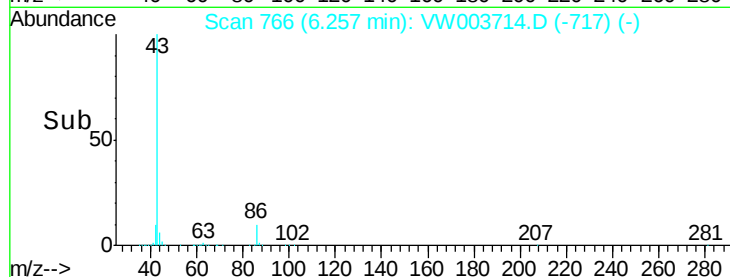
100000

50000

0

6.10 6.20 6.30 6.40

Time-->



#24

1,1-Dichloroethane

Concen: 18.928 ug/l

RT: 6.21 min Scan# 758

Delta R.T. 0.00 min

Lab File: VW003714.D

Acq: 05 Jul 2018 12:15

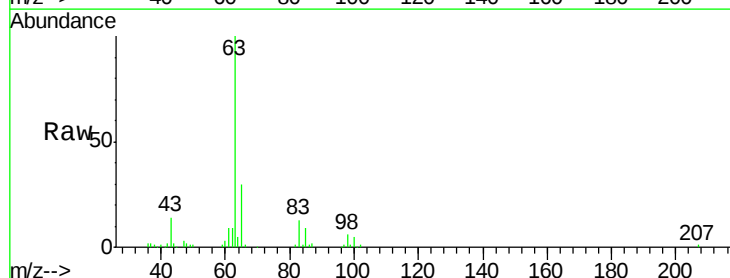
Tgt Ion: 63 Resp: 97449

Ion Ratio Lower Upper

63 100

98 6.0 2.9 8.6

100 4.7 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

6.21

40000

30000

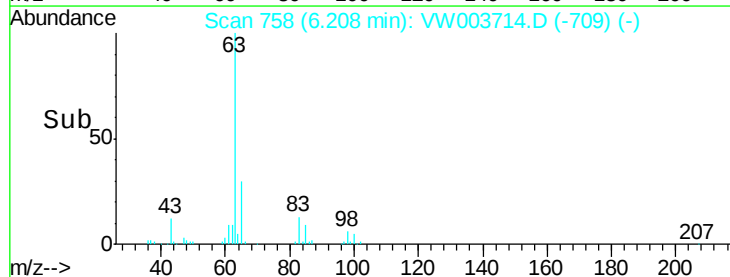
20000

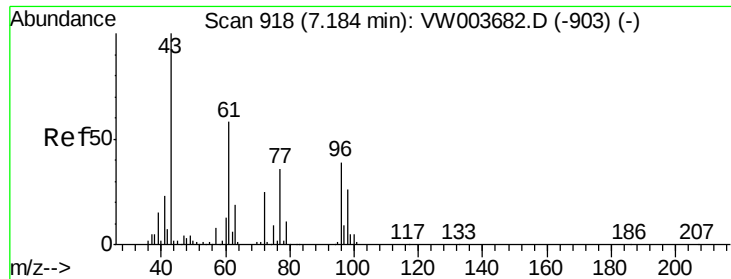
10000

0

6.10 6.20 6.30

Time-->





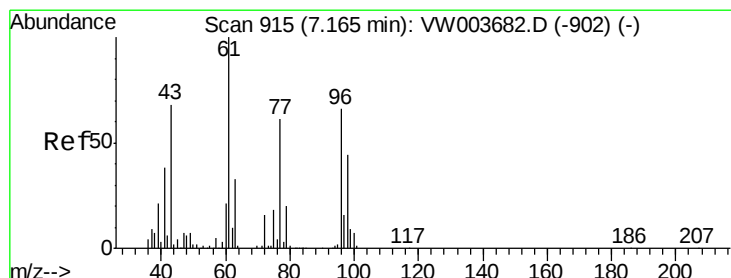
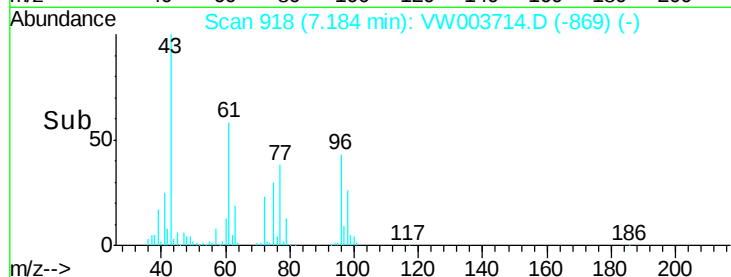
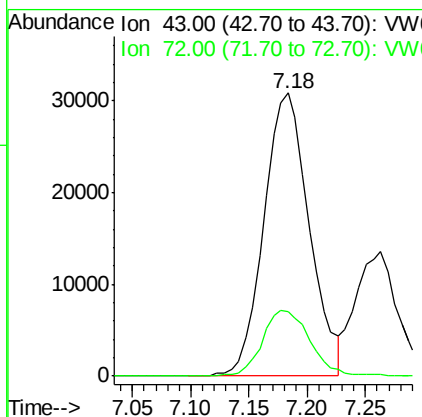
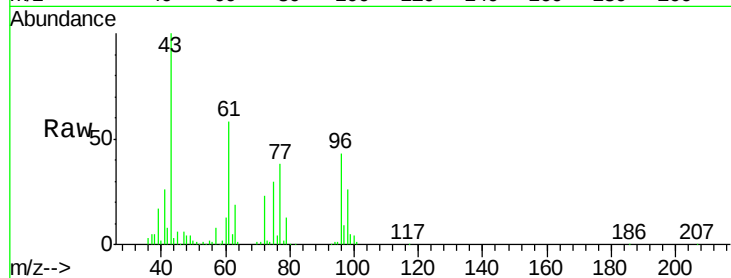
#25
2-Butanone
Concen: 89.063 ug/l
RT: 7.18 min Scan# 918
Delta R.T. 0.00 min
Lab File: VW003714.D
Acq: 05 Jul 2018 12:15

Instrument :
MSVOA_W
ClientSampled :
VW0705SBS01

Tot Ion: 43 Resp: 83472
Ion Ratio Lower Upper
43 100
72 22.6 20.2 30.4

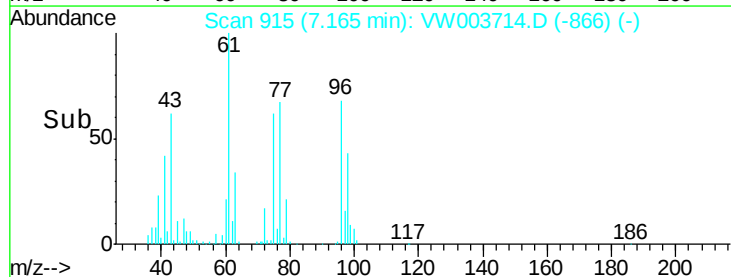
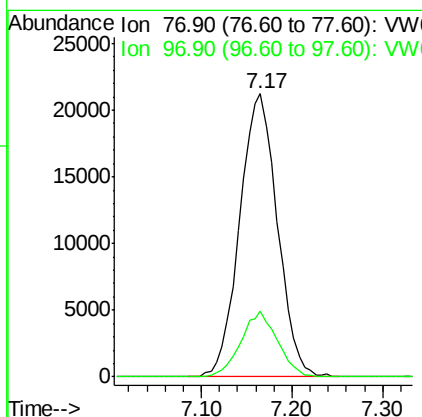
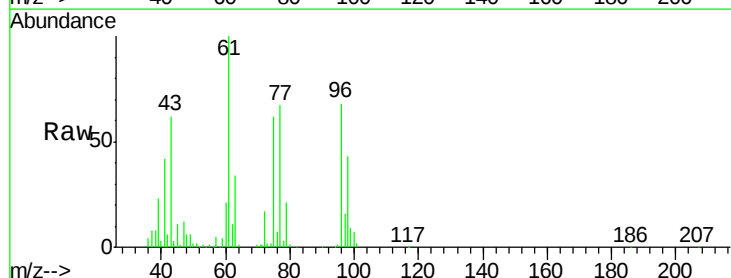
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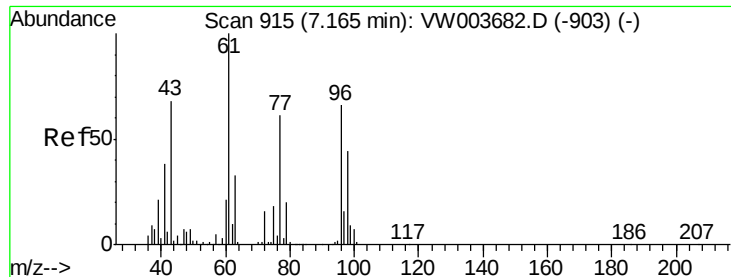
apatel
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#26
2,2-Dichloropropane
Concen: 19.324 ug/l
RT: 7.17 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW003714.D
Acq: 05 Jul 2018 12:15

Tgt Ion: 77 Resp: 61001
Ion Ratio Lower Upper
77 100
97 22.3 11.7 35.1





#27

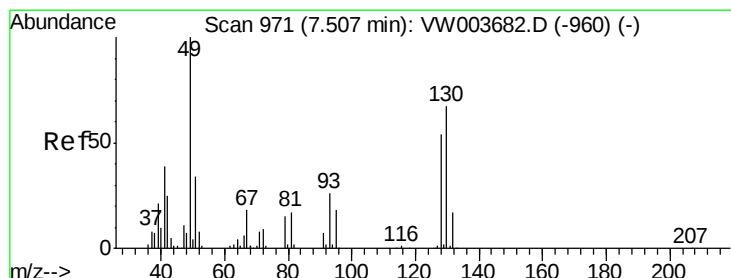
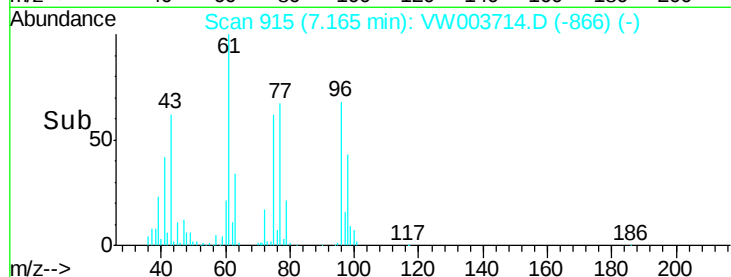
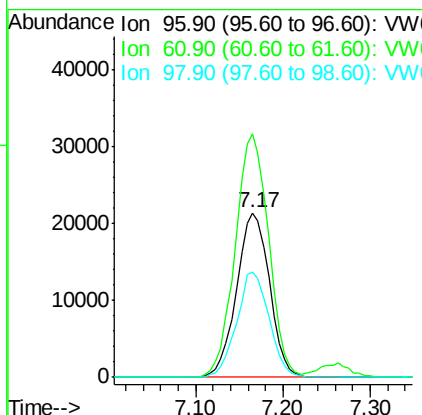
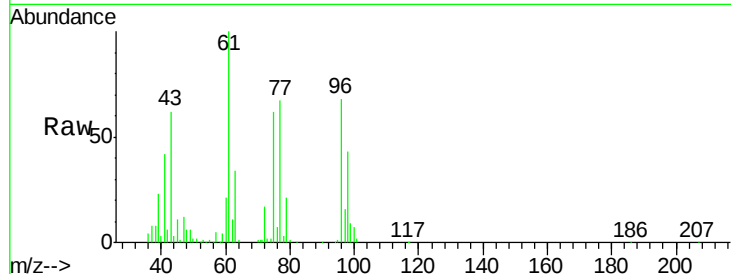
cis-1,2-Dichloroethene
Concen: 19.096 ug/l
RT: 7.17 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW003714.D
Acq: 05 Jul 2018 12:15

Instrument :
MSVOA_W
ClientSampled :
VW0705SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	149.6	0.0	305.0
98	62.9	0.0	129.6

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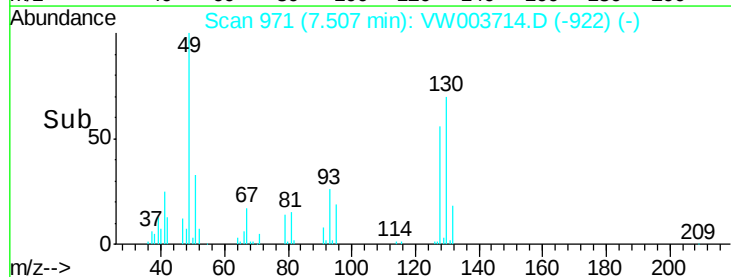
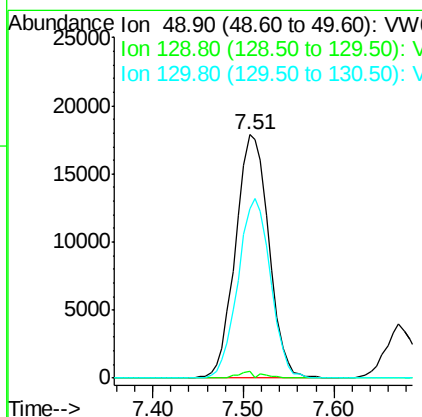
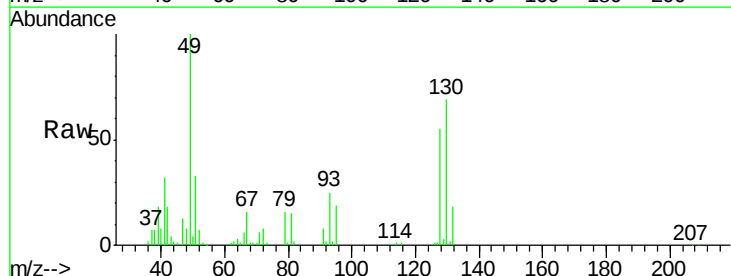
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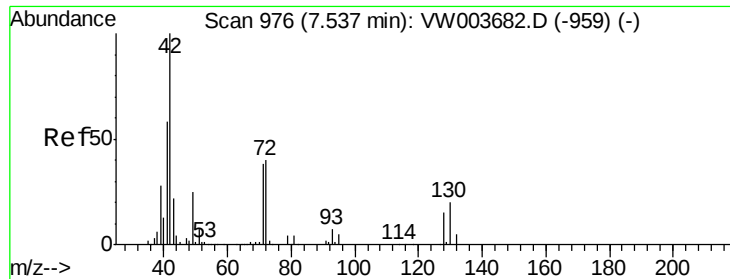


#28

Bromochloromethane
Concen: 20.121 ug/l
RT: 7.51 min Scan# 971
Delta R.T. 0.00 min
Lab File: VW003714.D
Acq: 05 Jul 2018 12:15

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	3.0
130	72.0	57.0	85.6





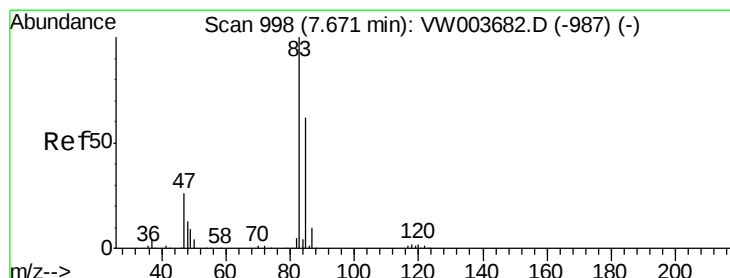
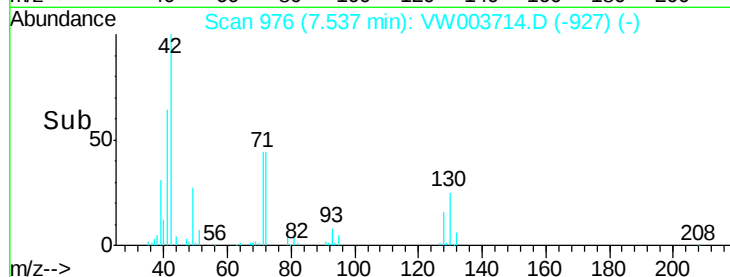
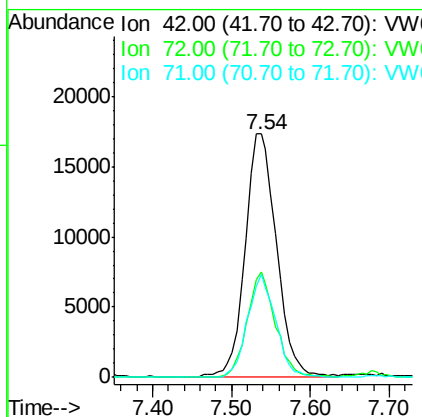
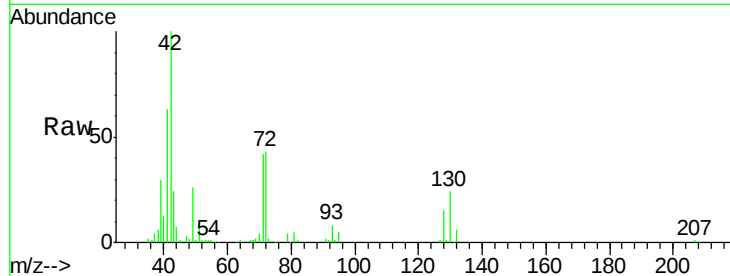
#29
Tetrahydrofuran
Concen: 85.583 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.00 min
Lab File: VW003714.D
Acq: 05 Jul 2018 12:15

Instrument :
MSVOA_W
ClientSampleId :
VW0705SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.0	32.0	48.0
71	37.7	30.2	45.2

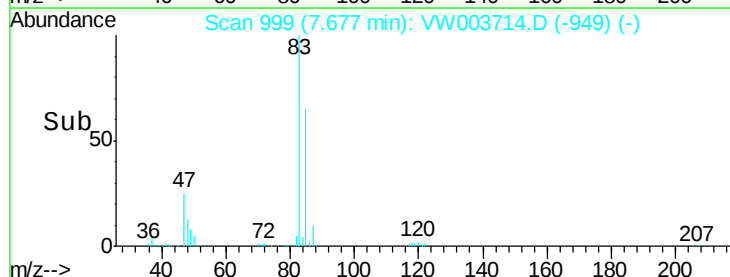
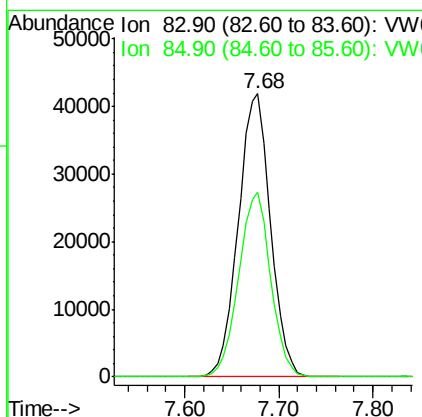
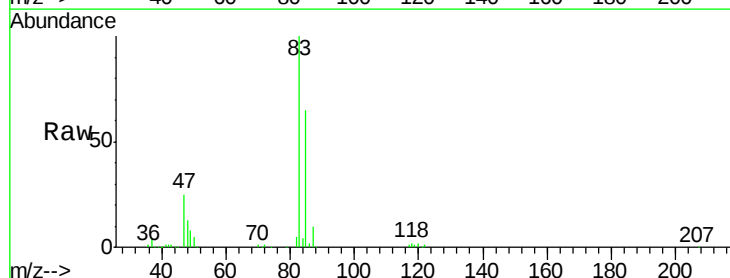
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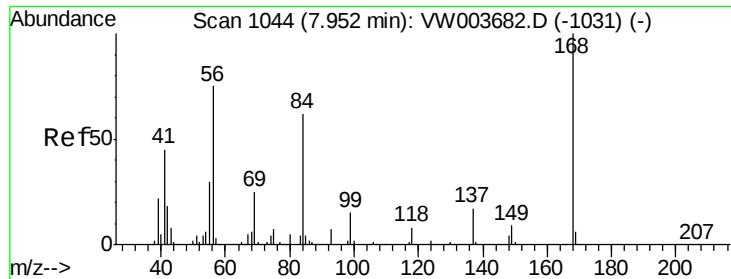
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#30
Chloroform
Concen: 19.219 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.01 min
Lab File: VW003714.D
Acq: 05 Jul 2018 12:15

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.5	49.7	74.5





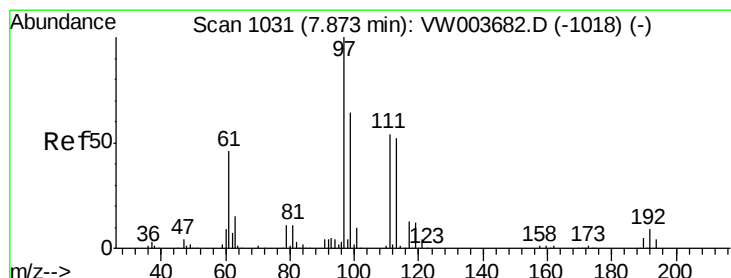
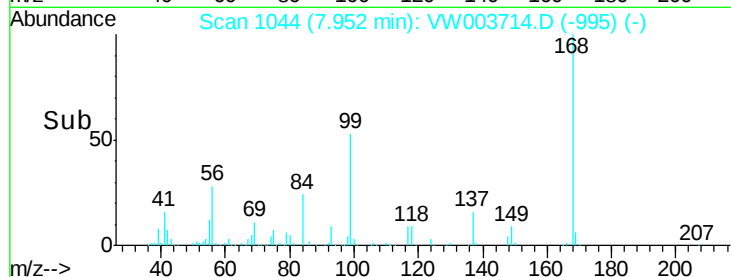
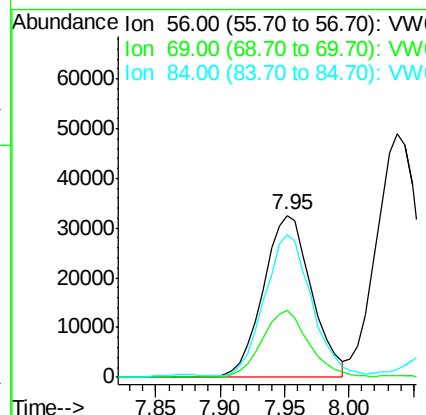
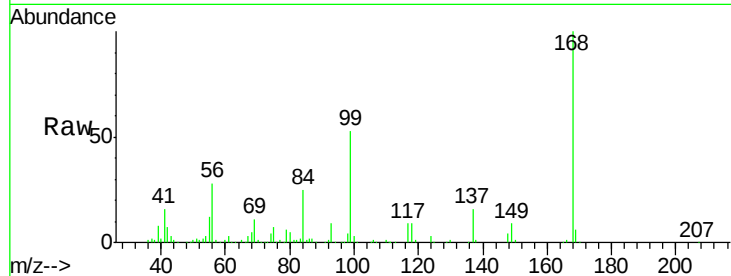
#31
Cyclohexane
Concen: 18.085 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. 0.00 min
Lab File: VW003714.D
Acq: 05 Jul 2018 12:15

Instrument :
MSVOA_W
ClientSampled :
VW0705SBS01

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	41.1	27.0	40.4#	
84	85.9	65.4	98.0	

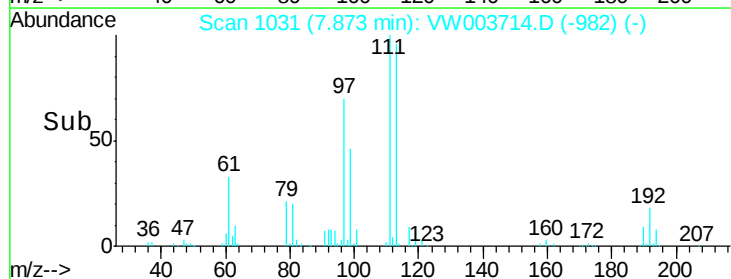
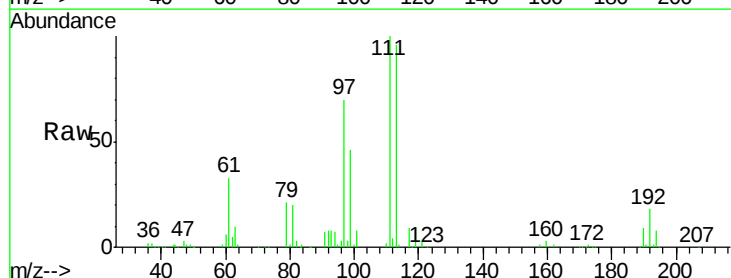
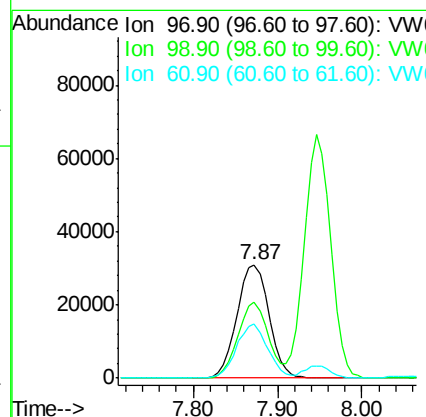
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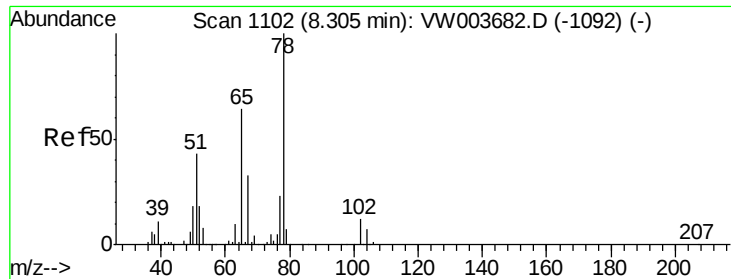
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#32
1,1,1-Trichloroethane
Concen: 19.666 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VW003714.D
Acq: 05 Jul 2018 12:15

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	62.5	50.6	76.0	
61	46.5	37.2	55.8	





#33

1,2-Dichloroethane-d4

Concen: 47.419 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. 0.00 min

Lab File: VW003714.D

Acq: 05 Jul 2018 12:15

Instrument :

MSVOA_W

ClientSampleId :

VW0705SBS01

Tot Ion: 65 Resp: 145401

Ion Ratio Lower Upper

65 100

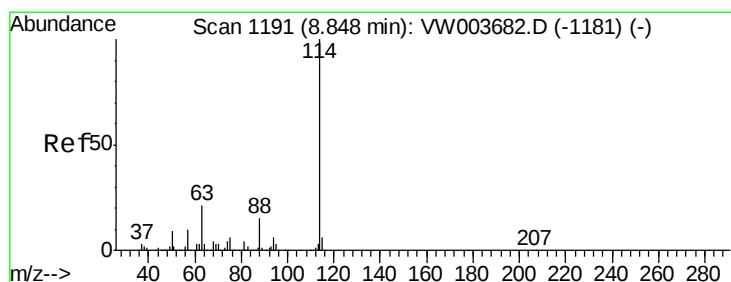
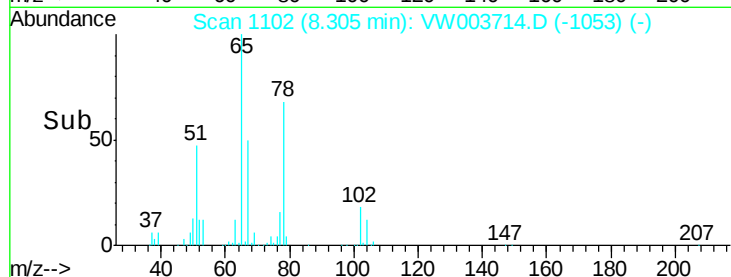
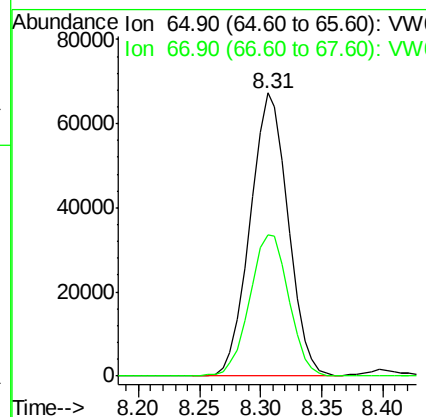
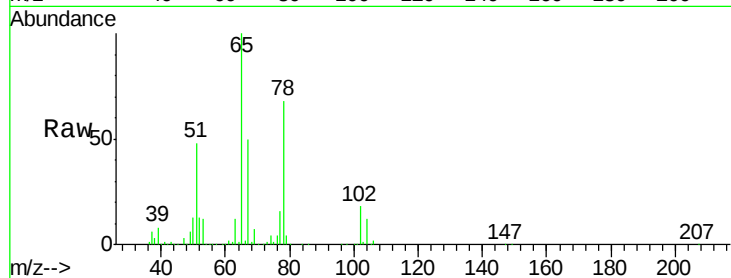
67 51.6 0.0 104.0

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1190

Delta R.T. -0.01 min

Lab File: VW003714.D

Acq: 05 Jul 2018 12:15

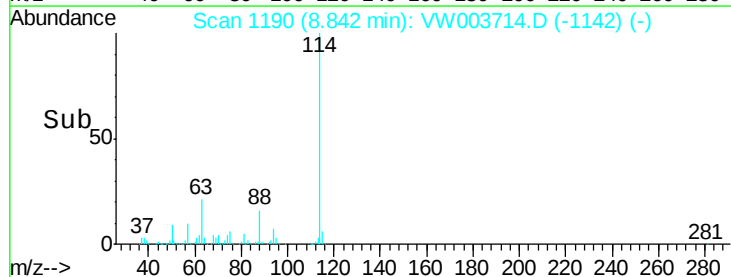
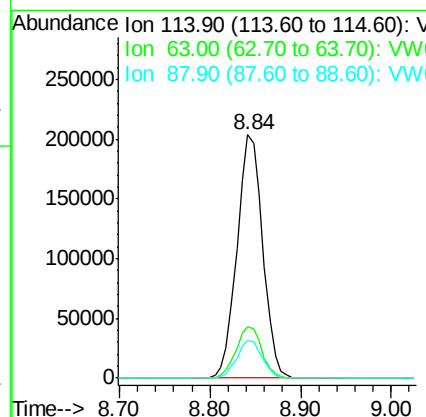
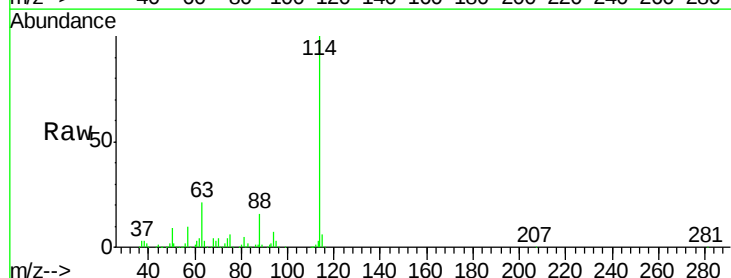
Tgt Ion: 114 Resp: 398990

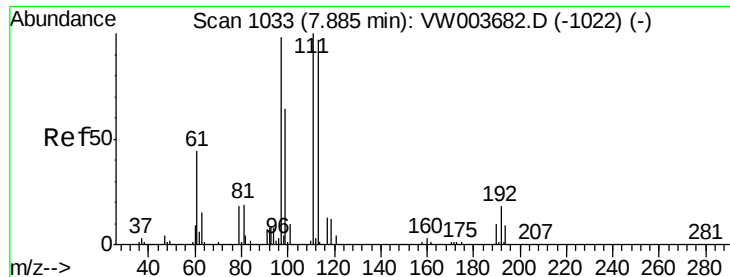
Ion Ratio Lower Upper

114 100

63 21.2 0.0 41.6

88 15.7 0.0 29.8





#35

Dibromofluoromethane

Concen: 49.318 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. 0.00 min

Lab File: VW003714.D

Acq: 05 Jul 2018 12:15

Instrument :

MSVOA_W

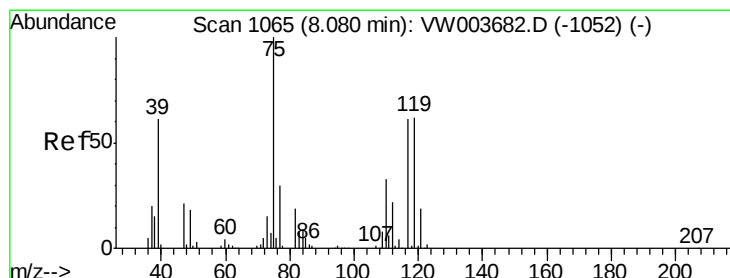
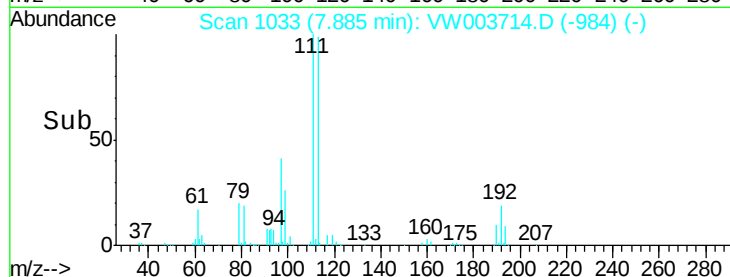
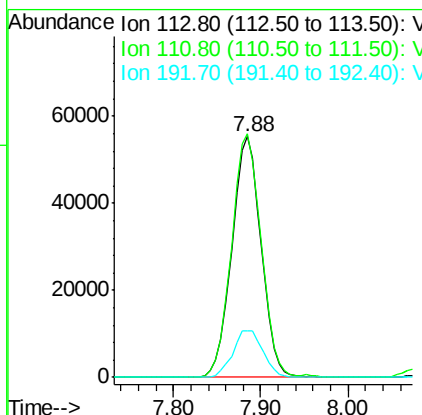
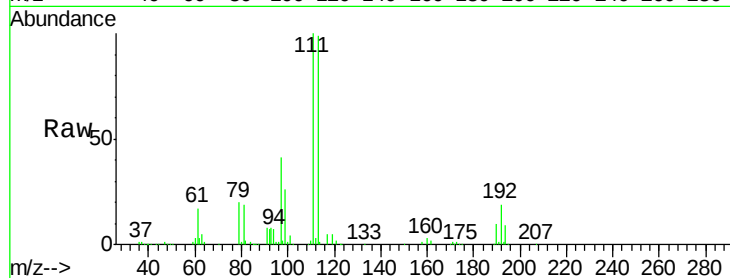
ClientSampleId :

VW0705SBS01

Tot Ion:	113	Resp:	128338
Ion Ratio	Lower	Upper	
113	100		
111	102.2	82.4	123.6
192	20.1	15.8	23.6

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#36

1,1-Dichloropropene

Concen: 19.276 ug/l

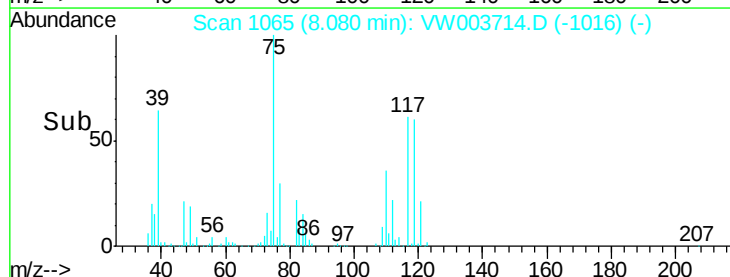
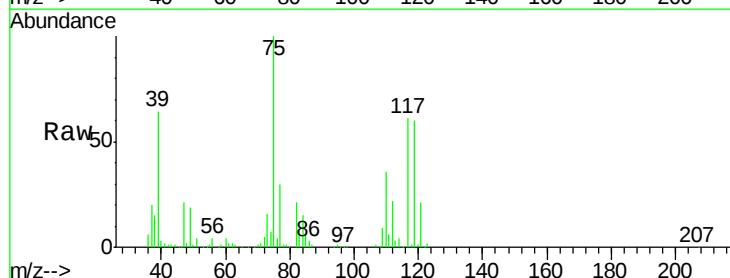
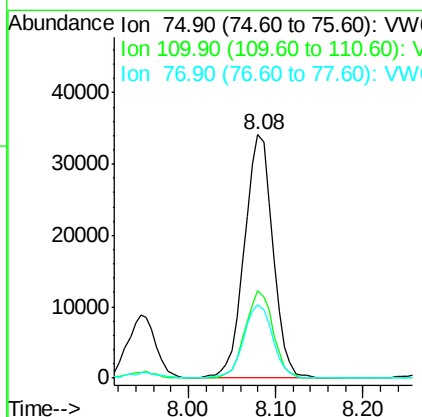
RT: 8.08 min Scan# 1065

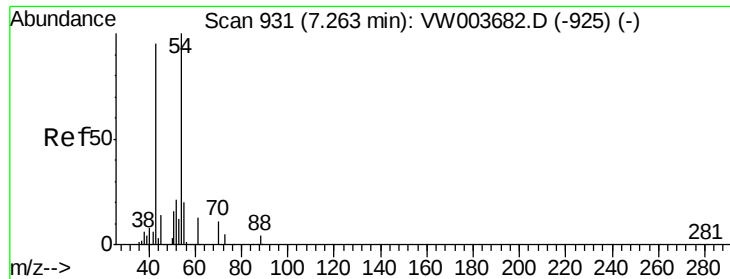
Delta R.T. 0.00 min

Lab File: VW003714.D

Acq: 05 Jul 2018 12:15

Tgt Ion:	75	Resp:	77205
Ion Ratio	Lower	Upper	
75	100		
110	35.0	16.9	50.6
77	30.7	24.9	37.3





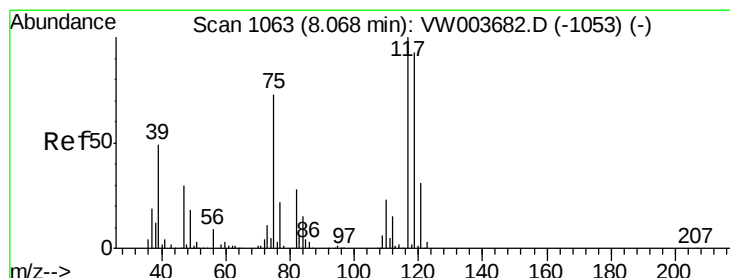
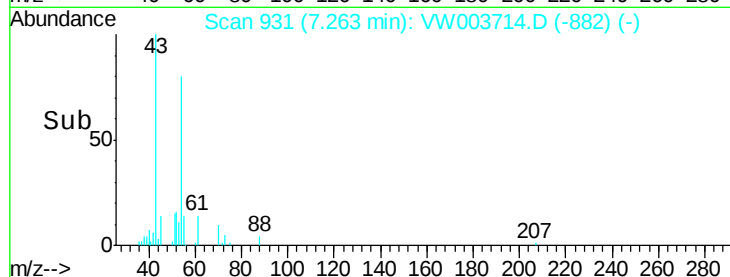
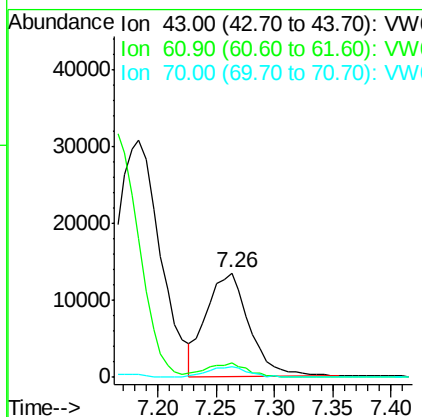
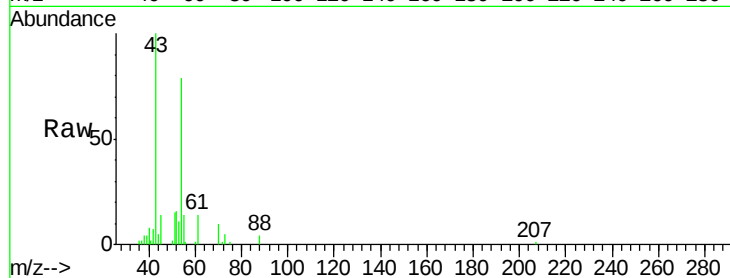
#37
Ethyl Acetate
Concen: 17.622 ug/l
RT: 7.26 min Scan# 931
Delta R.T. 0.00 min
Lab File: VW003714.D
Acq: 05 Jul 2018 12:15

Instrument :
MSVOA_W
ClientSampled :
VW0705SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.0	10.5	15.7
70	10.0	7.7	11.5

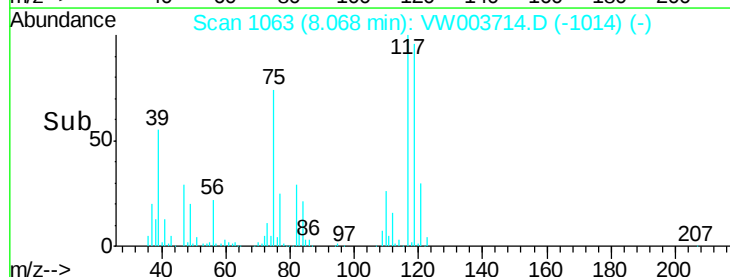
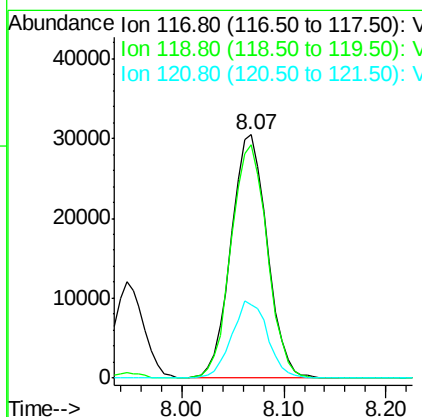
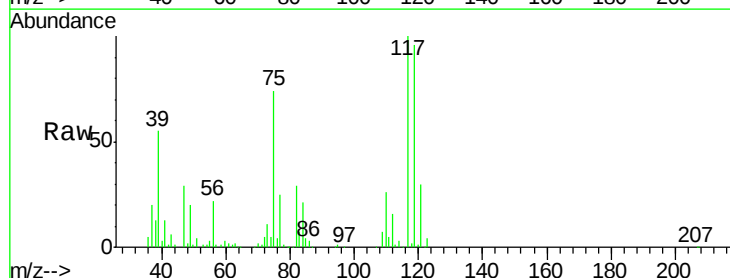
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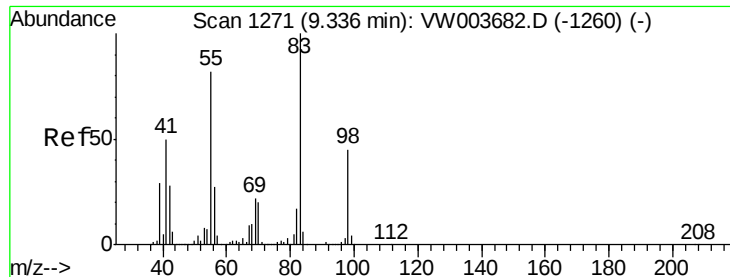
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#38
Carbon Tetrachloride
Concen: 19.686 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW003714.D
Acq: 05 Jul 2018 12:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.9	74.1	111.1
121	30.4	25.0	37.4





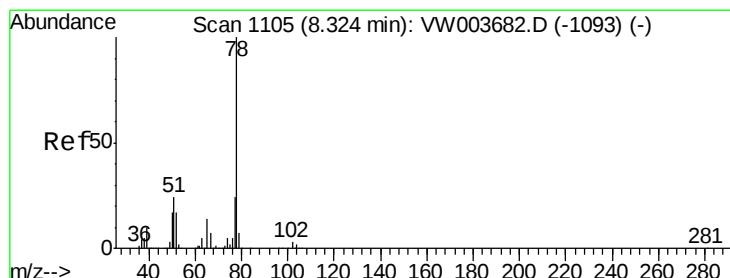
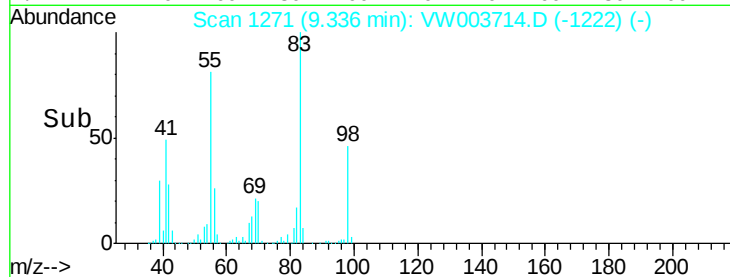
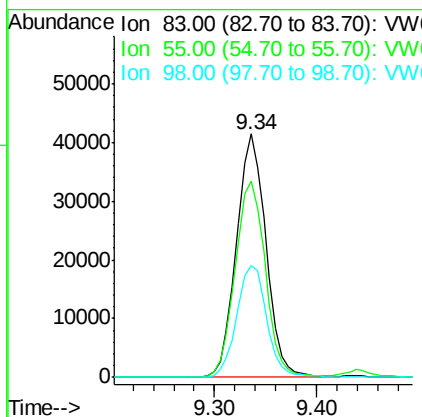
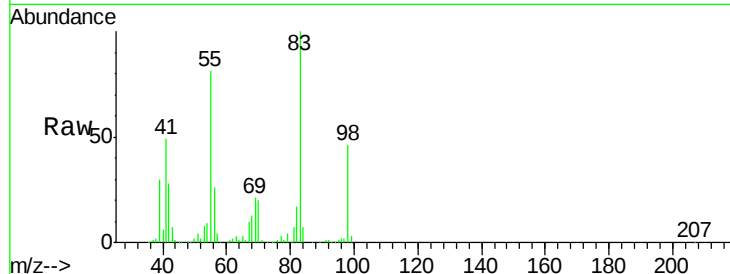
#39
Methvlcvclohexane
Concen: 18.118 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VW003714.D
Acq: 05 Jul 2018 12:15

Instrument :
MSVOA_W
ClientSampled :
VW0705SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.6	65.3	97.9
98	46.2	36.3	54.5

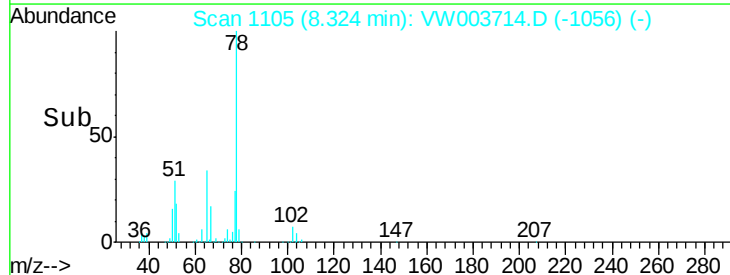
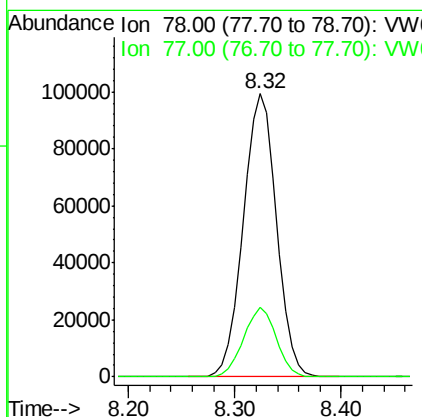
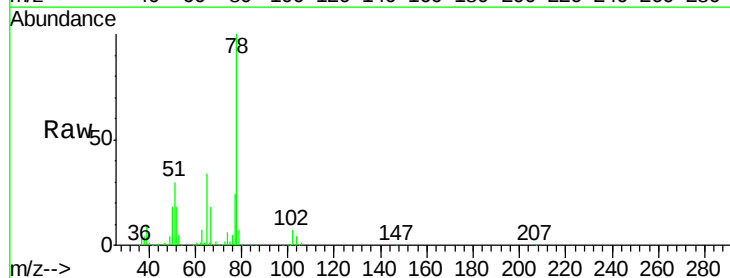
Manual Integrations
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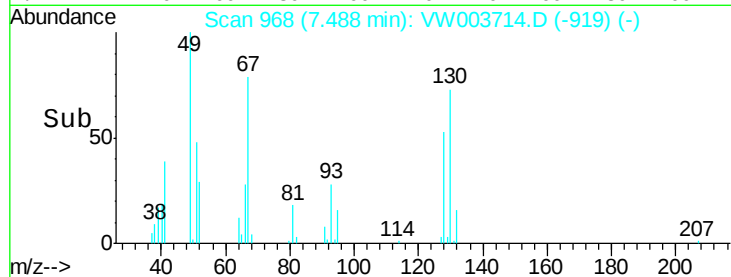
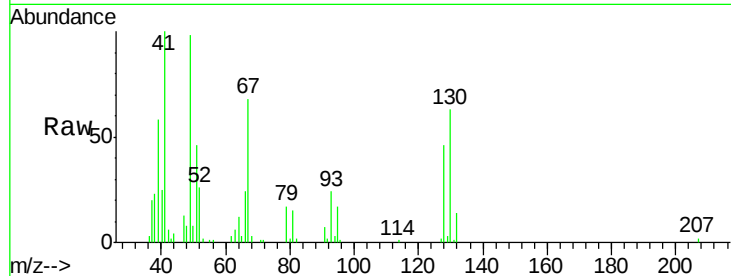
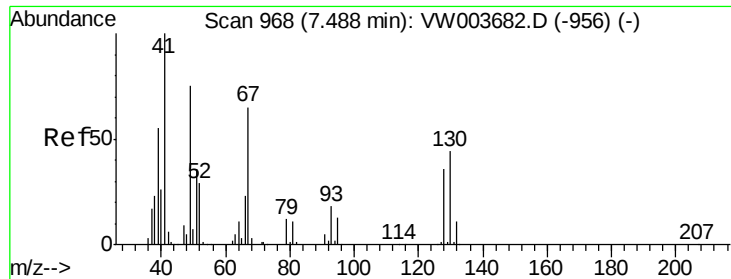
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#40
Benzene
Concen: 19.320 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VW003714.D
Acq: 05 Jul 2018 12:15

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.4	29.0





#41

Methacrylonitrile

Concen: 17.646 ug/l

RT: 7.49 min Scan# 968

Delta R.T. 0.00 min

Lab File: VW003714.D

Acq: 05 Jul 2018 12:15

Tot Ion:	41	Resp:	19554
Ion Ratio	Lower	Upper	
41	100		
39	55.8	47.8	71.8
67	69.5	53.9	80.9
52	31.6	25.0	37.6

Instrument :

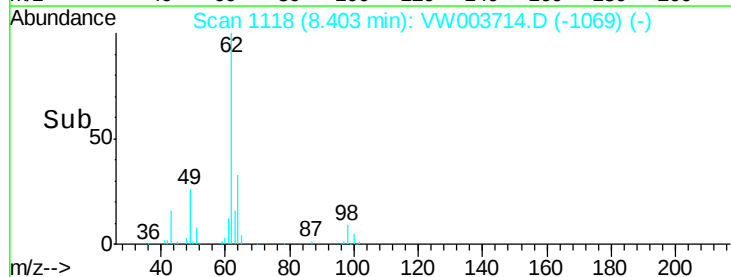
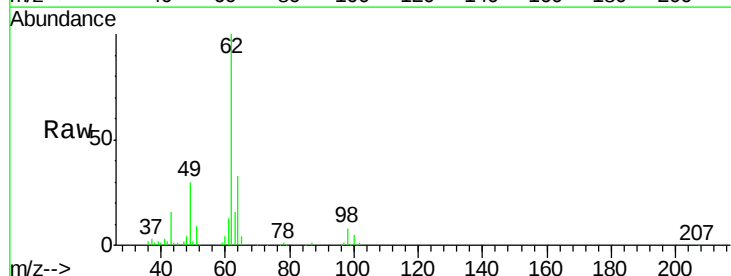
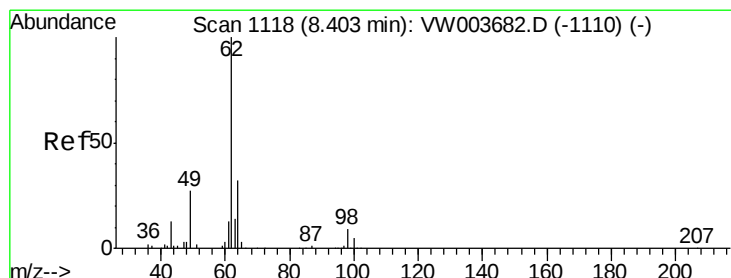
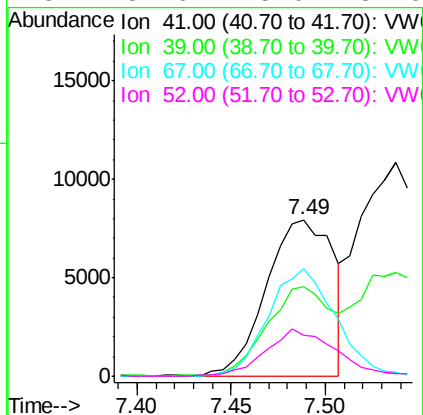
MSVOA_W

ClientSampled :

VW0705SBS01

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#42

1,2-Dichloroethane

Concen: 19.061 ug/l

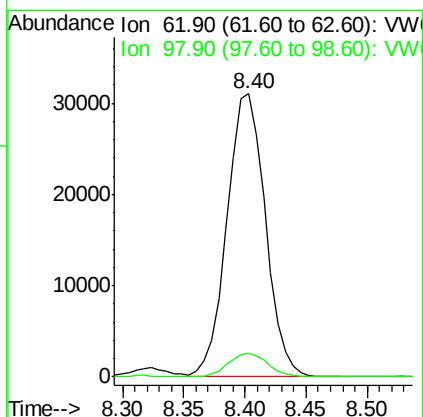
RT: 8.40 min Scan# 1118

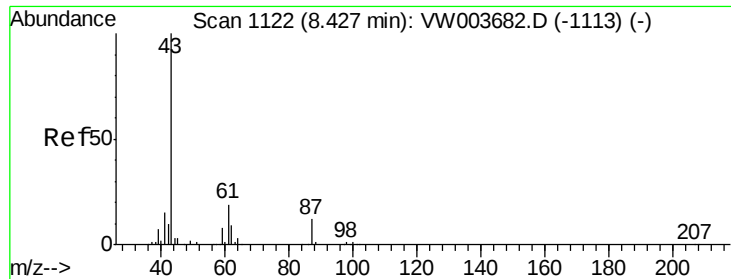
Delta R.T. 0.00 min

Lab File: VW003714.D

Acq: 05 Jul 2018 12:15

Tgt Ion:	62	Resp:	67565
Ion Ratio	Lower	Upper	
62	100		
98	8.6	0.0	17.2





#43

Isopropyl Acetate

Concen: 17.614 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. 0.00 min

Lab File: VW003714.D

Acq: 05 Jul 2018 12:15

Instrument :

MSVOA_W

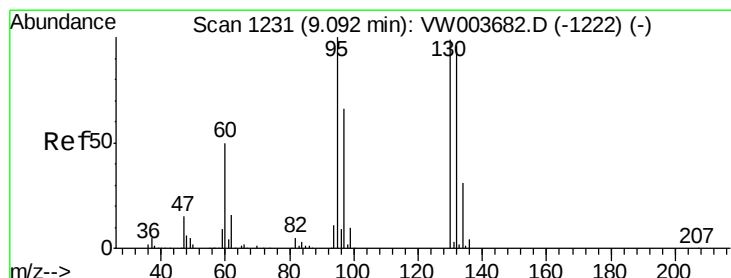
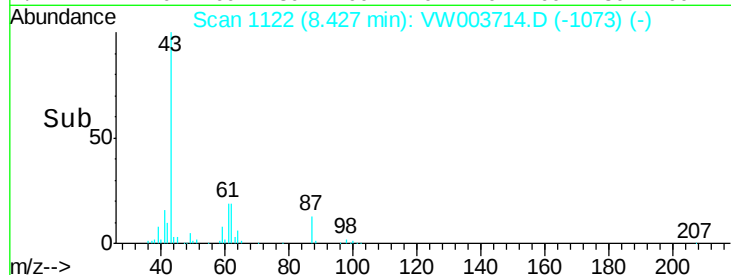
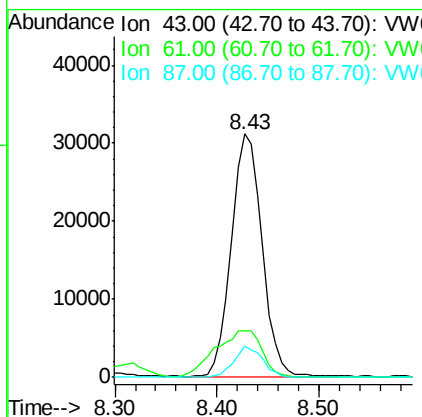
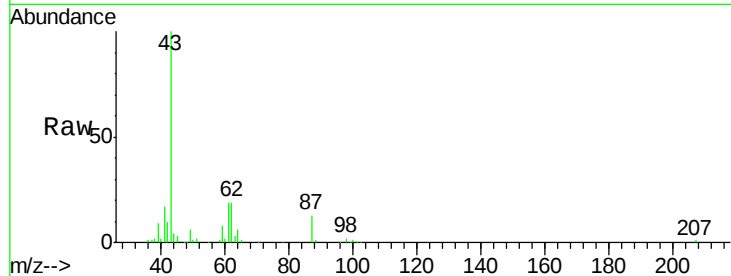
ClientSampled :

VW0705SBS01

Tot Ion:	43	Resp:	64676
Ion	Ratio	Lower	Upper
43	100		
61	29.6	23.0	34.6
87	11.9	9.8	14.6

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#44

Trichloroethene

Concen: 19.390 ug/l

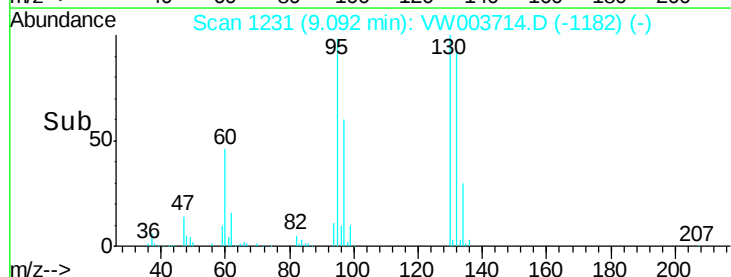
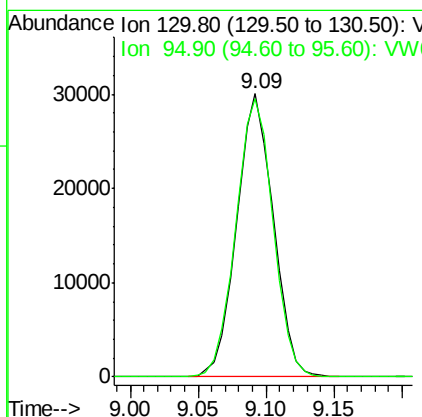
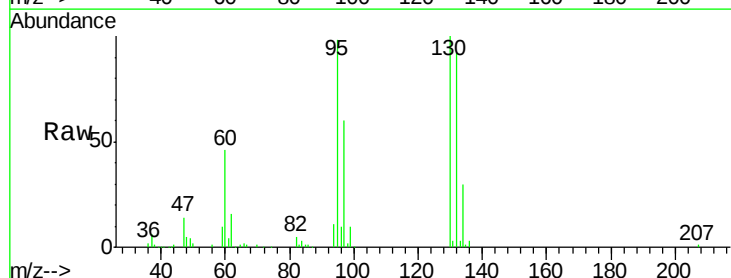
RT: 9.09 min Scan# 1231

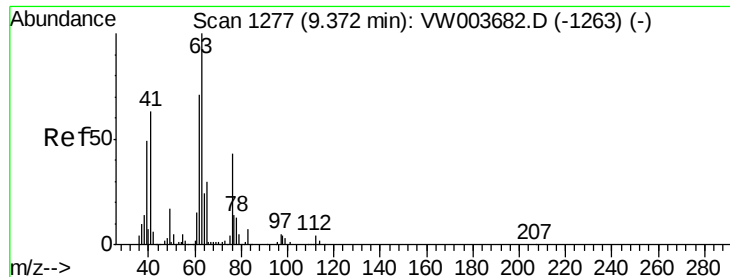
Delta R.T. 0.00 min

Lab File: VW003714.D

Acq: 05 Jul 2018 12:15

Tgt Ion:	130	Resp:	56427
Ion	Ratio	Lower	Upper
130	100		
95	98.3	0.0	202.6





#45

1,2-Dichloropropane

Concen: 19.354 ug/l

RT: 9.37 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VW003714.D

Acq: 05 Jul 2018 12:15

Instrument :

MSVOA_W

ClientSampleId :

VW0705SBS01

Tot Ion: 63 Resp: 56518

Ion Ratio Lower Upper

63 100

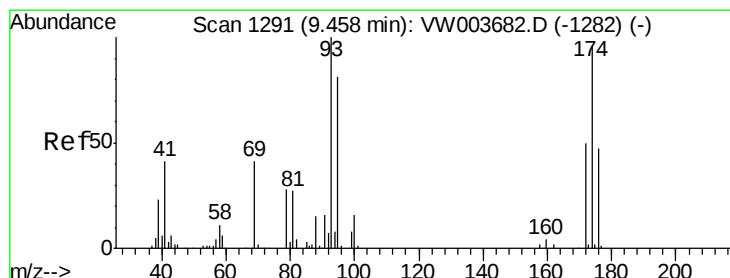
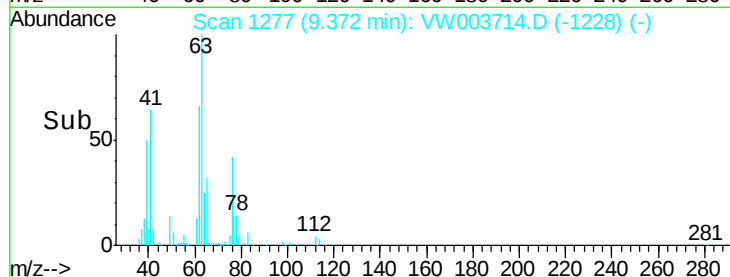
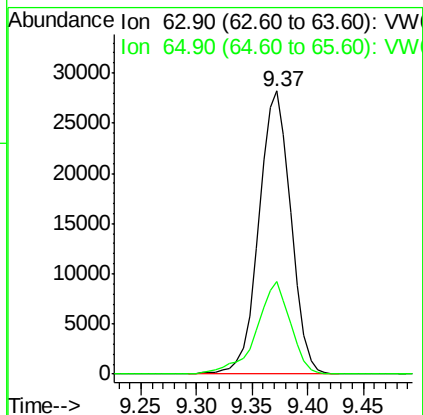
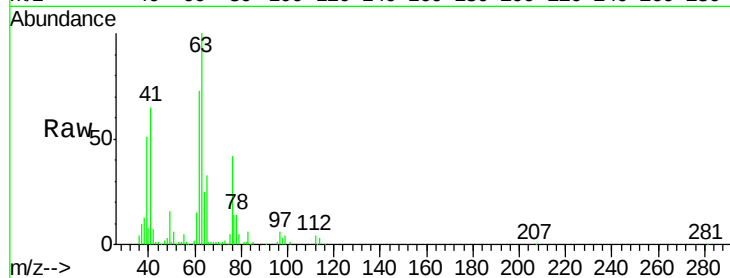
65 32.5 24.3 36.5

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#46

Dibromomethane

Concen: 18.656 ug/l

RT: 9.46 min Scan# 1291

Delta R.T. 0.00 min

Lab File: VW003714.D

Acq: 05 Jul 2018 12:15

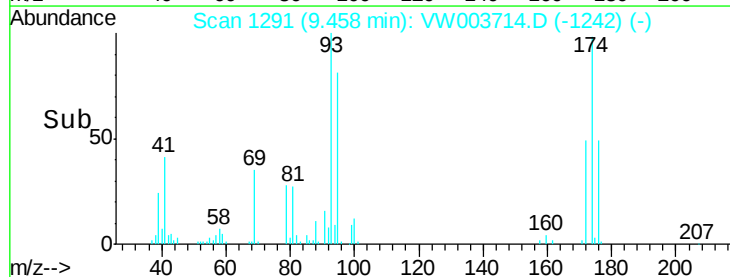
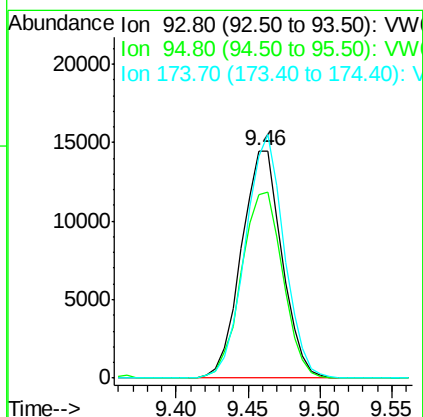
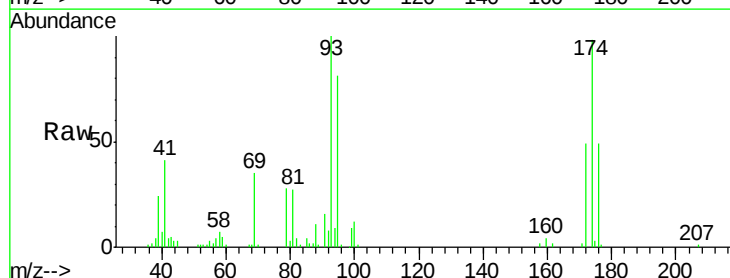
Tgt Ion: 93 Resp: 28294

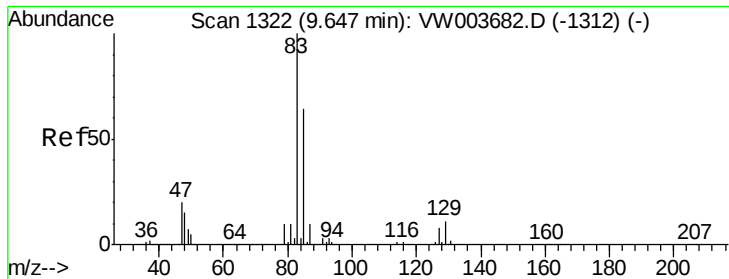
Ion Ratio Lower Upper

93 100

95 83.0 66.2 99.4

174 102.1 79.6 119.4





#47

Bromodichloromethane

Concen: 19.307 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW003714.D

Acq: 05 Jul 2018 12:15

Instrument :

MSVOA_W

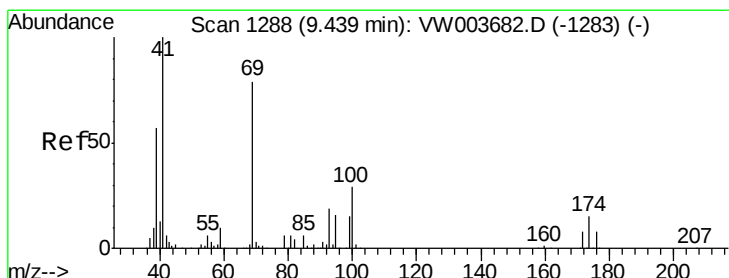
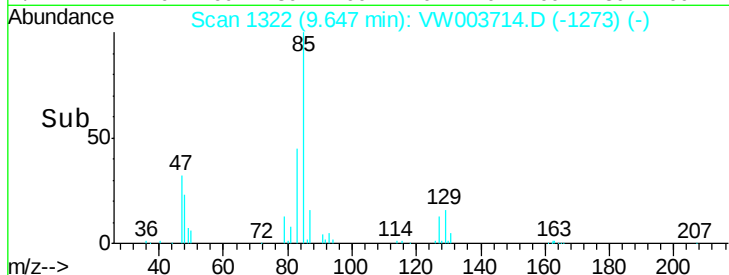
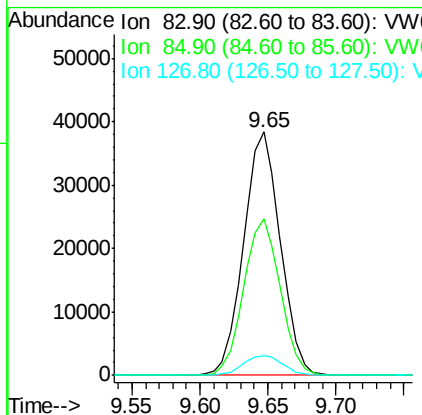
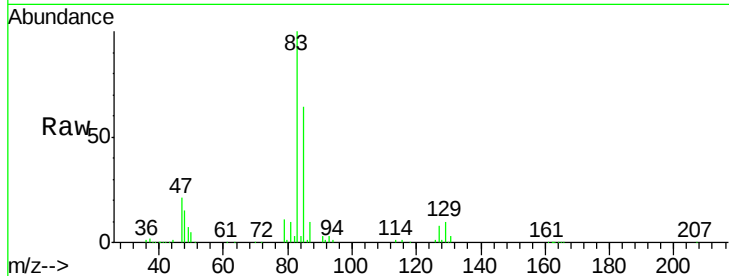
ClientSampleId :

VW0705SBS01

Tot Ion:	83	Resp:	72383
Ion Ratio	Lower	Upper	
83	100		
85	64.3	51.1	76.7
127	8.1	6.5	9.7

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#48

Methyl methacrylate

Concen: 18.441 ug/l

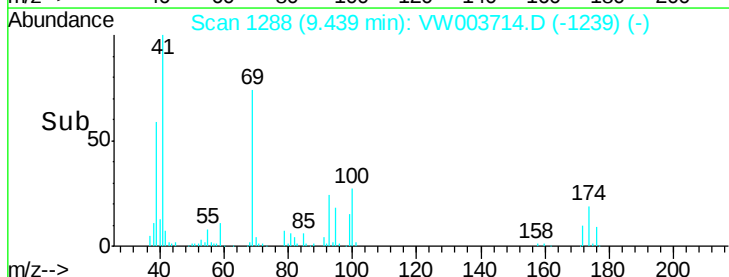
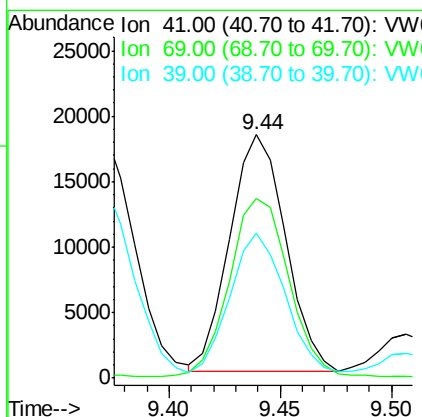
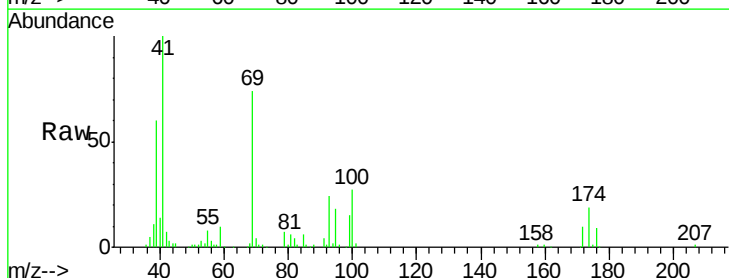
RT: 9.44 min Scan# 1288

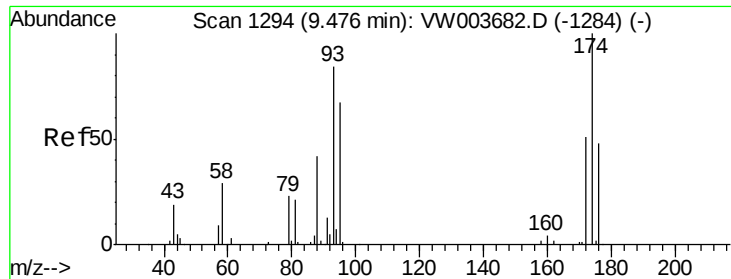
Delta R.T. 0.00 min

Lab File: VW003714.D

Acq: 05 Jul 2018 12:15

Tgt Ion:	41	Resp:	31364
Ion Ratio	Lower	Upper	
41	100		
69	81.7	65.4	98.2
39	62.9	50.0	75.0





#49

1,4-Dioxane

Concen: 347.193 ug/l

RT: 9.48 min Scan# 1295

Delta R.T. 0.01 min

Lab File: VW003714.D

Acq: 05 Jul 2018 12:15

Instrument :

MSVOA_W

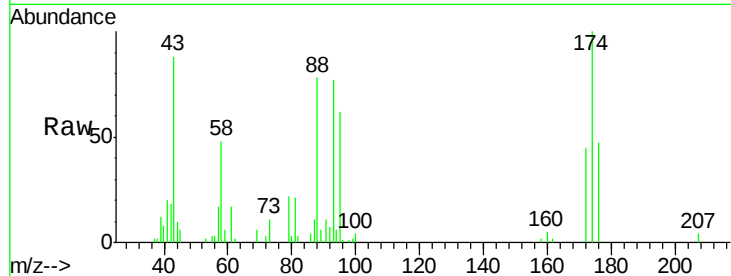
ClientSampled :

VW0705SBS01

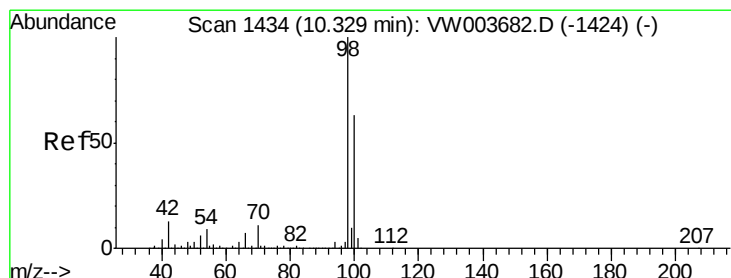
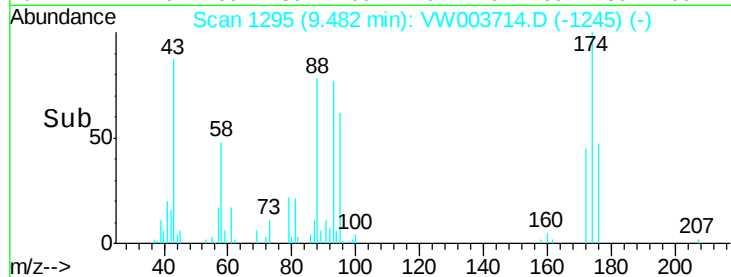
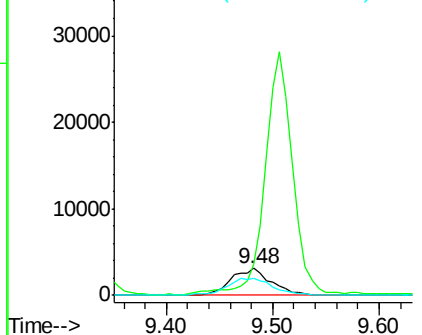
Tot Ion:	88	Resp:	8260
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	72.0	61.8	92.6

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Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 49.921 ug/l

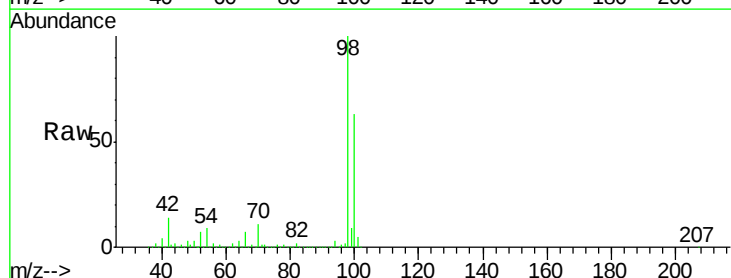
RT: 10.32 min Scan# 1433

Delta R.T. -0.01 min

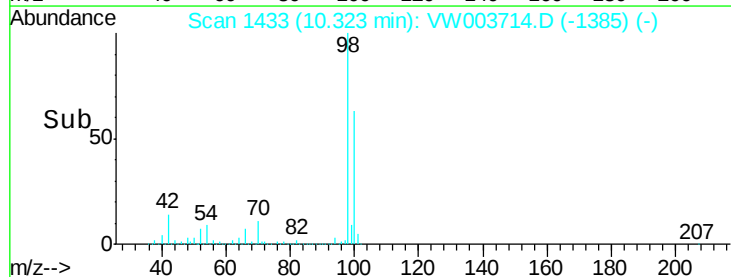
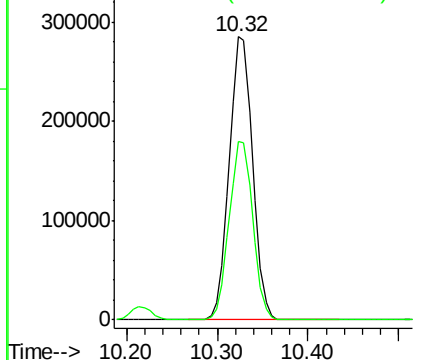
Lab File: VW003714.D

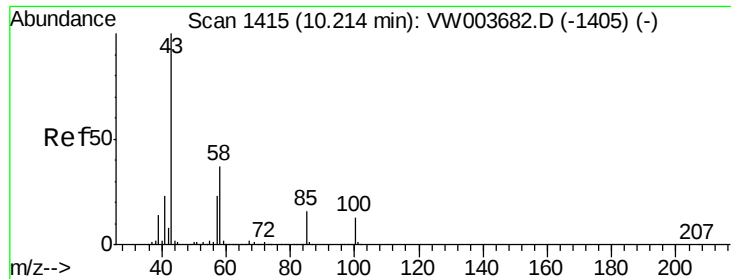
Acq: 05 Jul 2018 12:15

Tgt Ion:	98	Resp:	509971
Ion	Ratio	Lower	Upper
98	100		
100	64.0	50.8	76.2



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 90.063 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. 0.00 min

Lab File: VW003714.D

Acq: 05 Jul 2018 12:15

Instrument :

MSVOA_W

ClientSampled :

VW0705SBS01

Tot Ion: 43 Resp: 174254

Ion Ratio Lower Upper

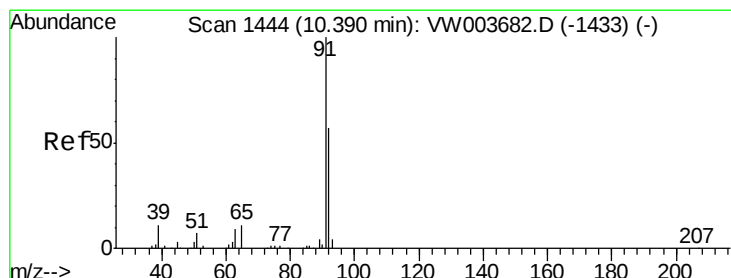
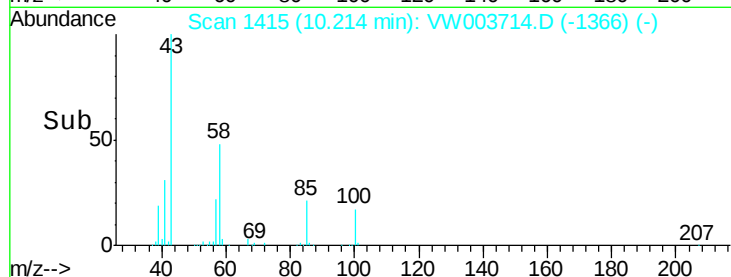
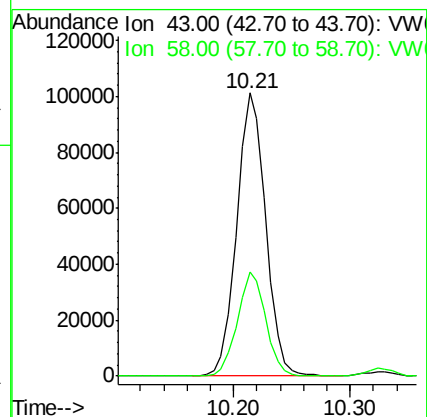
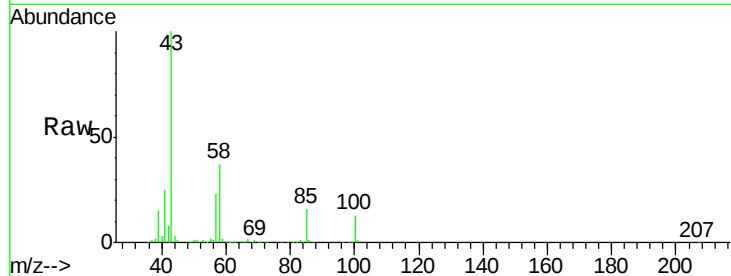
43 100

58 36.3 29.6 44.4

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#52

Toluene

Concen: 19.486 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW003714.D

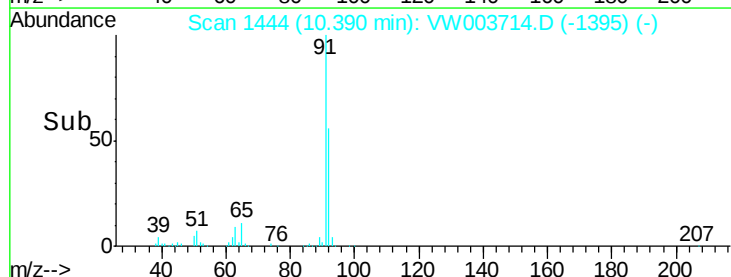
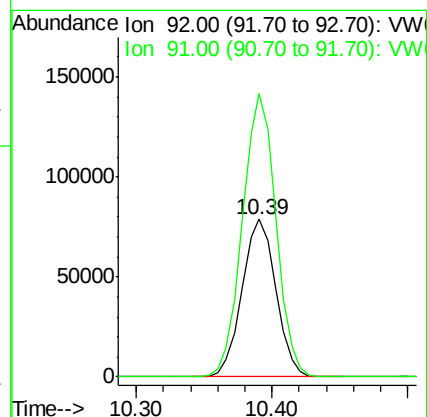
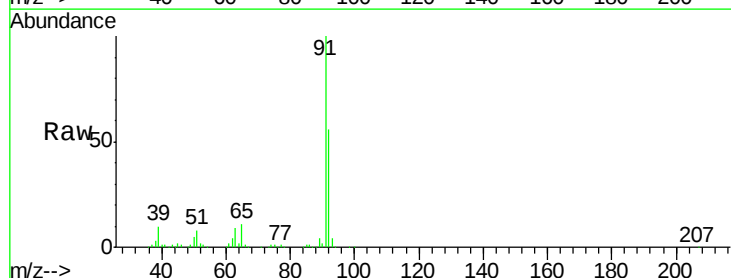
Acq: 05 Jul 2018 12:15

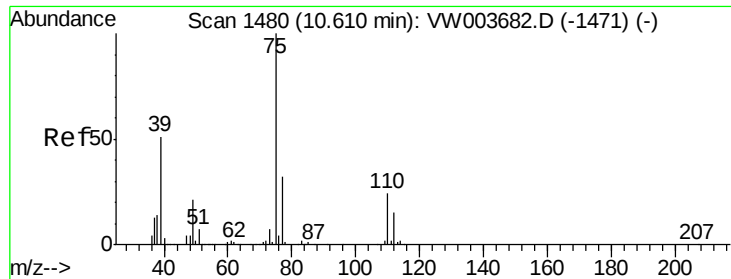
Tgt Ion: 92 Resp: 136887

Ion Ratio Lower Upper

92 100

91 178.1 140.2 210.2





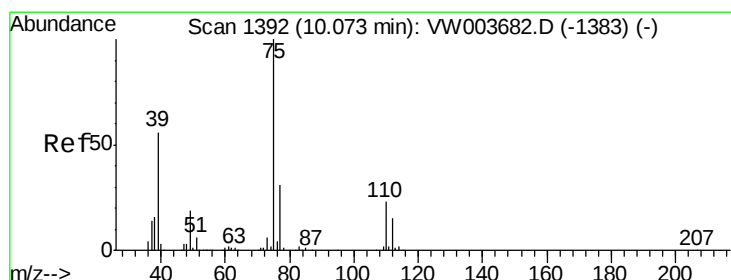
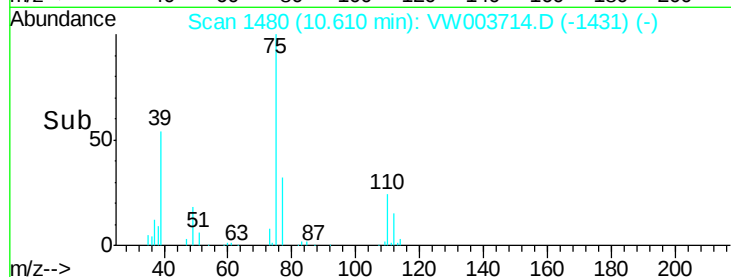
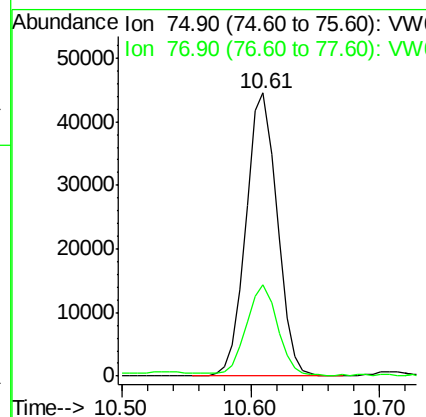
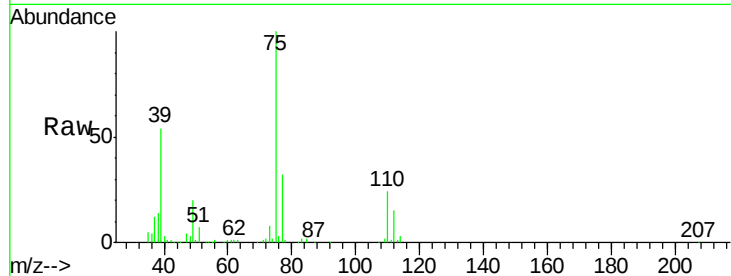
#53
 t-1,3-Dichloropropene
 Concen: 19.151 ug/l
 RT: 10.61 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: VW003714.D
 Acq: 05 Jul 2018 12:15

Instrument :
 MSVOA_W
 ClientSampled :
 VW0705SBS01

Tot Ion: 75 Resp: 74485
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.5 38.3

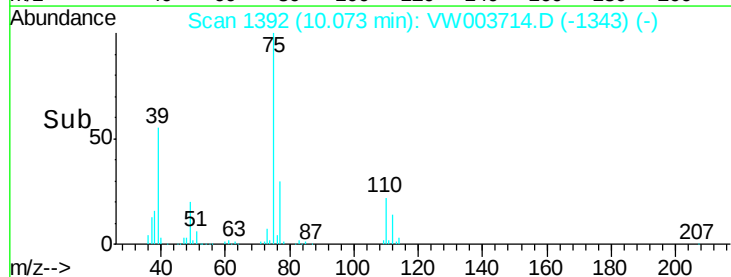
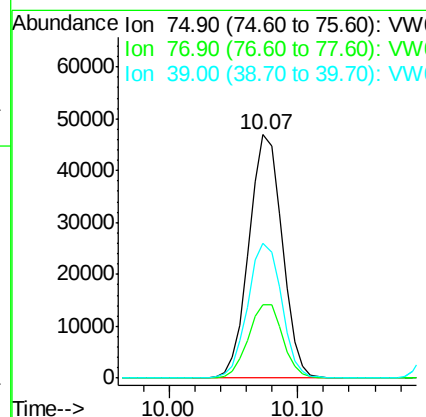
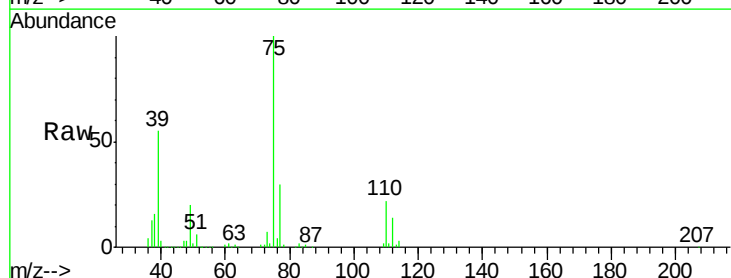
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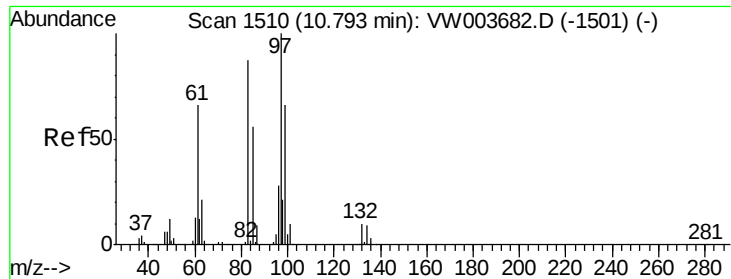
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#54
 cis-1,3-Dichloropropene
 Concen: 18.923 ug/l
 RT: 10.07 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW003714.D
 Acq: 05 Jul 2018 12:15

Tgt Ion: 75 Resp: 83442
 Ion Ratio Lower Upper
 75 100
 77 30.0 24.9 37.3
 39 55.3 44.6 67.0





#55

1,1,2-Trichloroethane

Concen: 18.938 ug/l

RT: 10.79 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VW003714.D

Acq: 05 Jul 2018 12:15

Instrument :

MSVOA_W

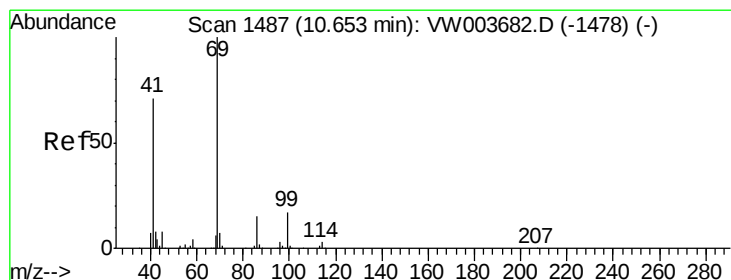
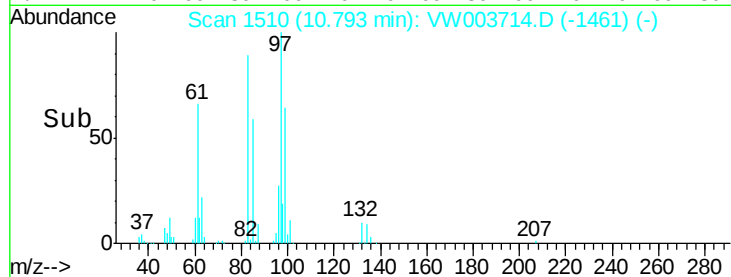
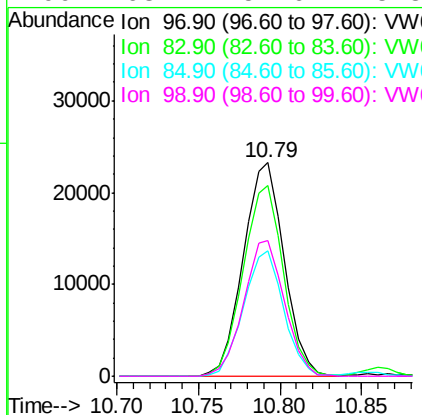
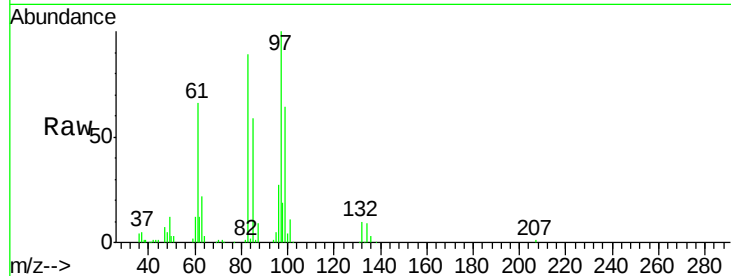
ClientSampled :

VW0705SBS01

Tot Ion:	97	Resp:	40463
Ion	Ratio	Lower	Upper
97	100		
83	89.5	69.5	104.3
85	58.7	44.7	67.1
99	63.7	52.6	78.8

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#56

Ethyl methacrylate

Concen: 18.168 ug/l

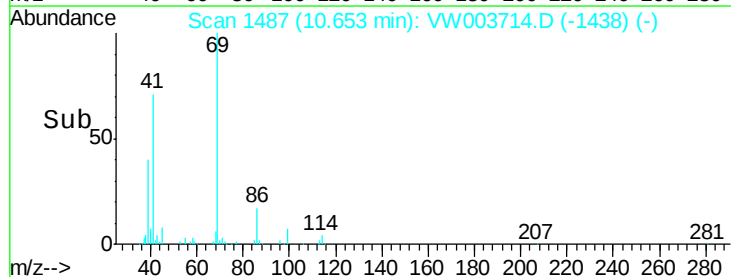
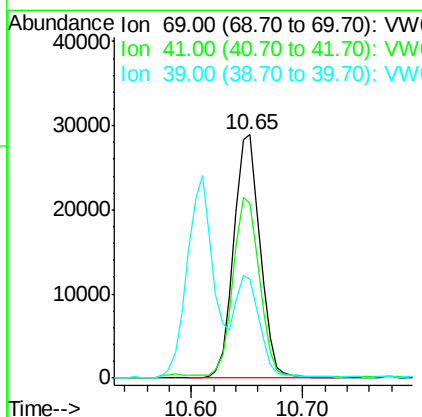
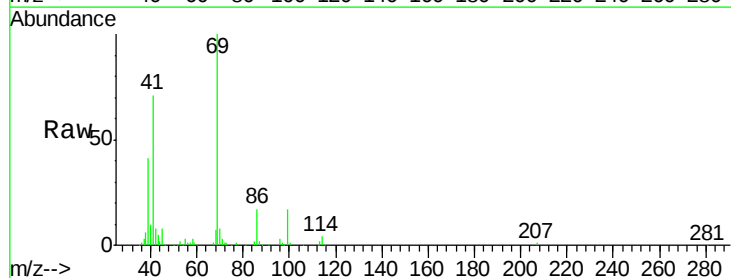
RT: 10.65 min Scan# 1487

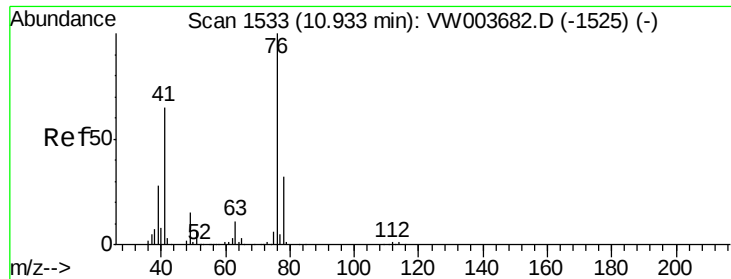
Delta R.T. 0.00 min

Lab File: VW003714.D

Acq: 05 Jul 2018 12:15

Tgt Ion:	69	Resp:	47633
Ion	Ratio	Lower	Upper
69	100		
41	75.0	57.5	86.3
39	36.6	29.4	44.0





#57

1,3-Dichloropropane

Concen: 19.177 ug/l

RT: 10.93 min Scan# 1533

Delta R.T. 0.00 min

Lab File: VW003714.D

Acq: 05 Jul 2018 12:15

Instrument :

MSVOA_W

ClientSampleId :

VW0705SBS01

Tot Ion: 76 Resp: 71181

Ion Ratio Lower Upper

76 100

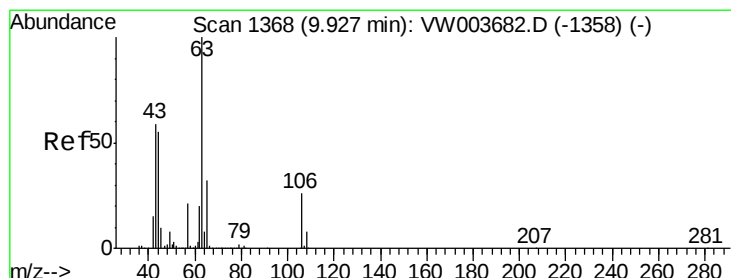
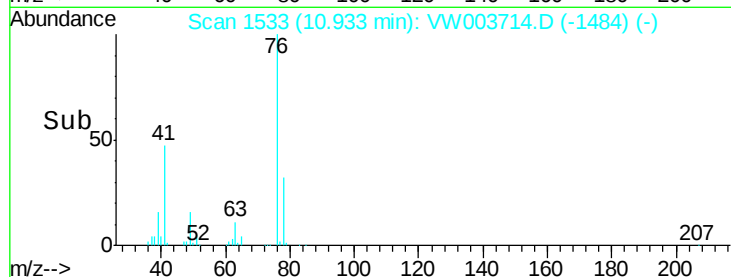
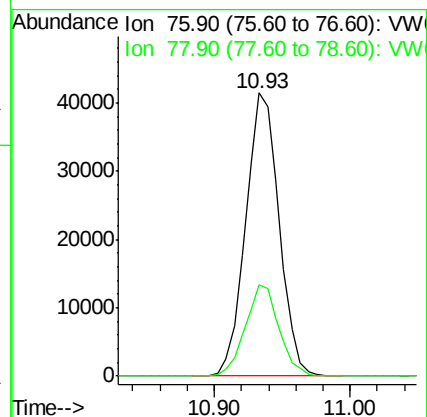
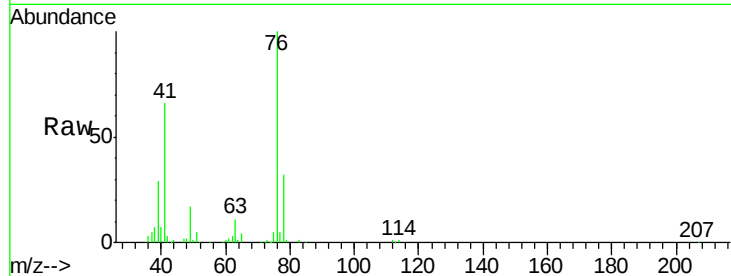
78 32.5 25.6 38.4

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#58

2-Chloroethyl Vinyl ether

Concen: 98.846 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VW003714.D

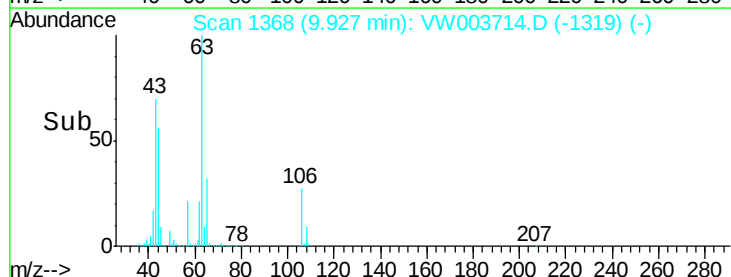
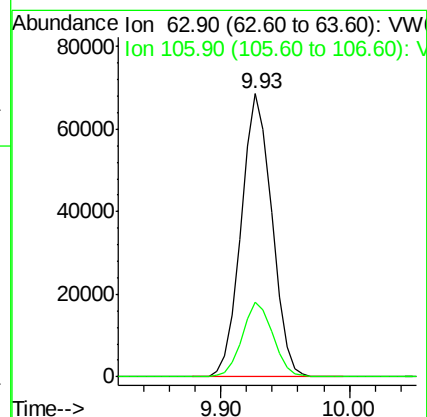
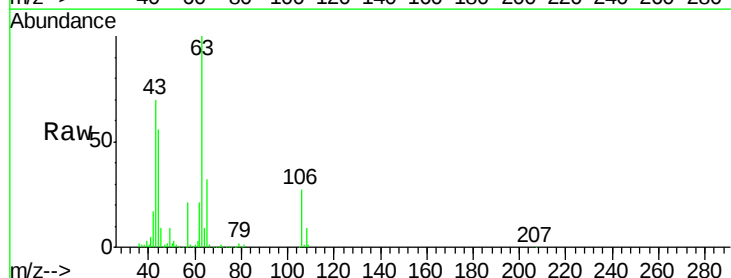
Acq: 05 Jul 2018 12:15

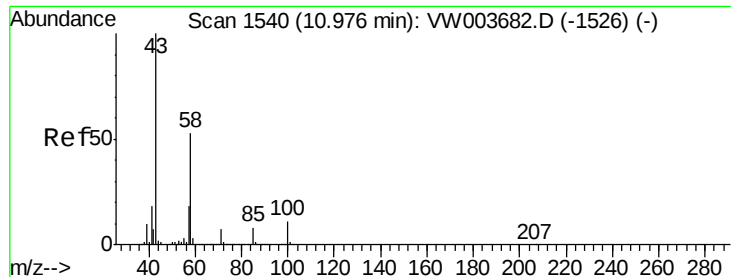
Tgt Ion: 63 Resp: 112889

Ion Ratio Lower Upper

63 100

106 26.4 20.7 31.1





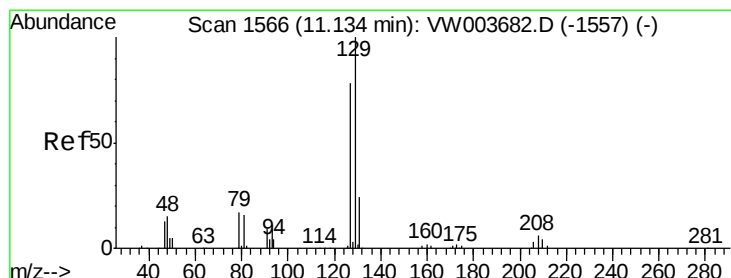
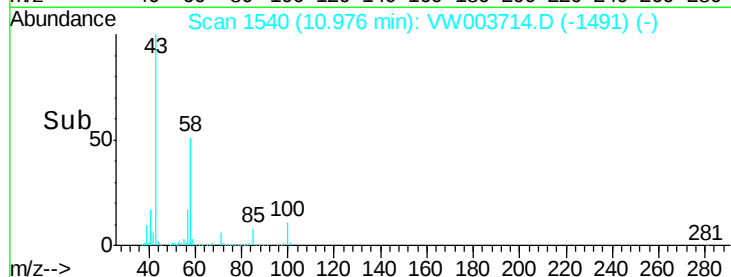
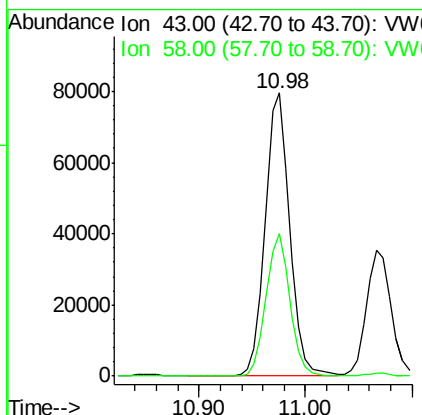
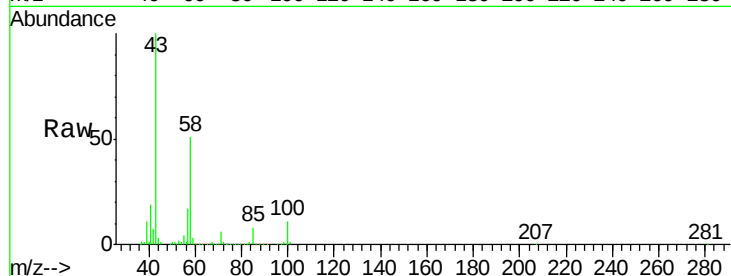
#59
2-Hexanone
Concen: 93.037 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW003714.D
Acq: 05 Jul 2018 12:15

Instrument :
MSVOA_W
ClientSampled :
VW0705SBS01

Tot Ion: 43 Resp: 128676
Ion Ratio Lower Upper
43 100
58 49.1 25.9 77.6

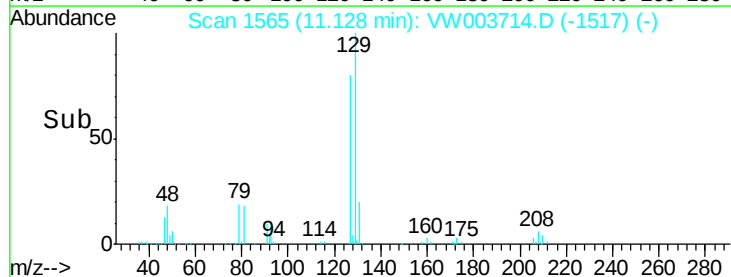
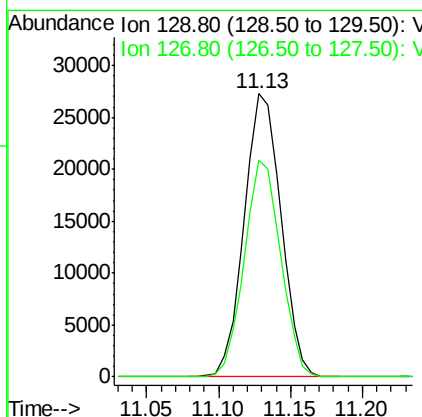
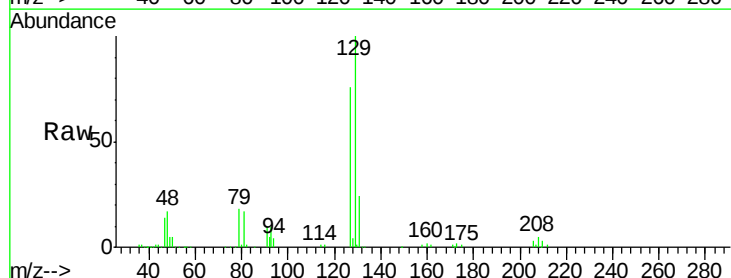
Manual Integrations
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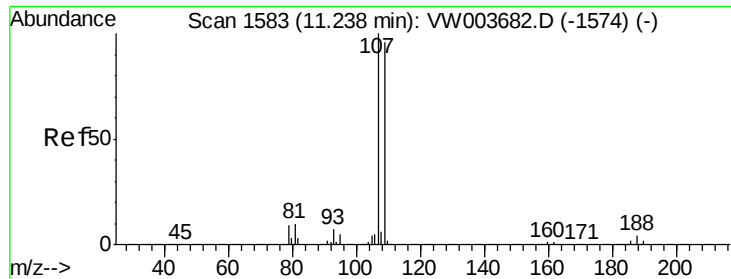
apatel
7/6/2018 10:02:04 AM



#60
Dibromochloromethane
Concen: 19.343 ug/l
RT: 11.13 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VW003714.D
Acq: 05 Jul 2018 12:15

Tgt Ion:129 Resp: 48314
Ion Ratio Lower Upper
129 100
127 75.4 39.1 117.2





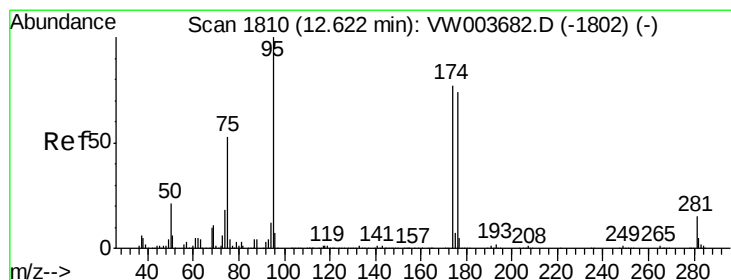
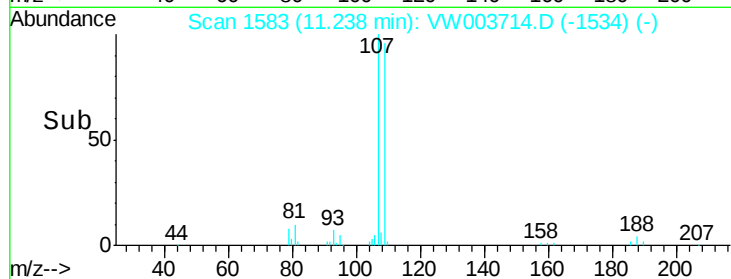
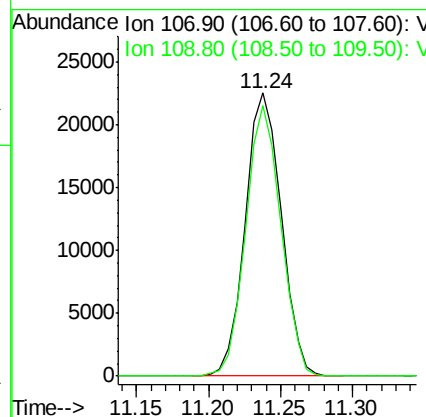
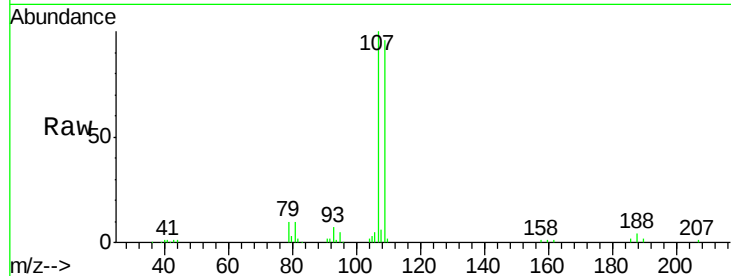
#61
 1,2-Dibromoethane
 Concen: 19.054 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VW003714.D
 Acq: 05 Jul 2018 12:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0705SBS01

Tot Ion: 107 Resp: 38994
 Ion Ratio Lower Upper
 107 100
 109 93.2 75.6 113.4

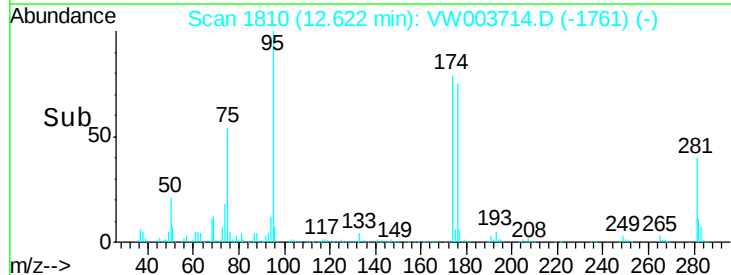
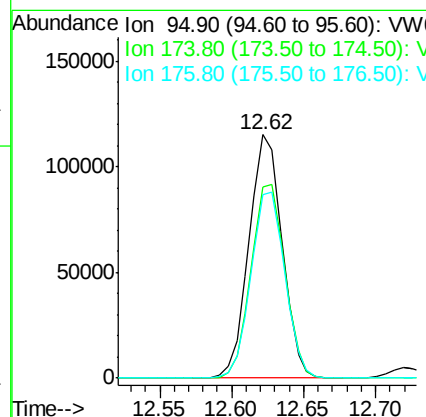
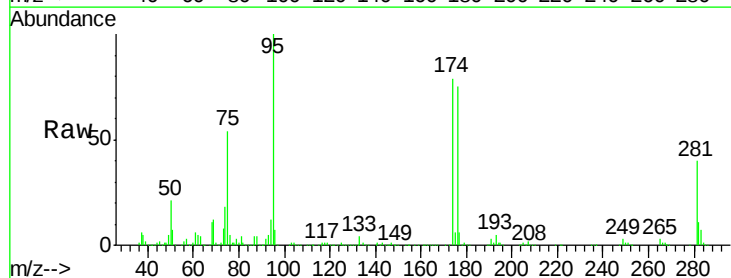
Manual Integrations
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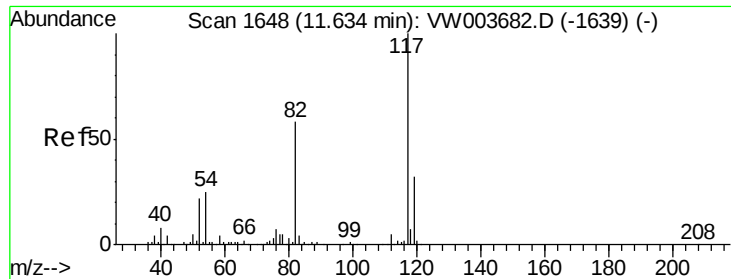
apatel
 7/6/2018 10:02:04 AM



#62
 4-Bromofluorobenzene
 Concen: 49.900 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VW003714.D
 Acq: 05 Jul 2018 12:15

Tgt Ion: 95 Resp: 183132
 Ion Ratio Lower Upper
 95 100
 174 81.2 0.0 161.2
 176 78.0 0.0 155.0





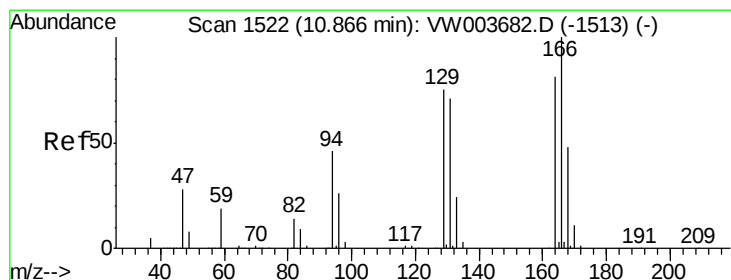
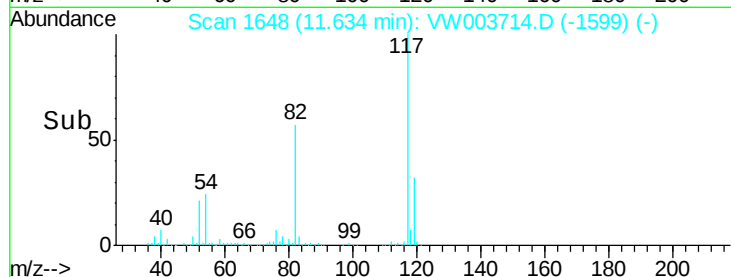
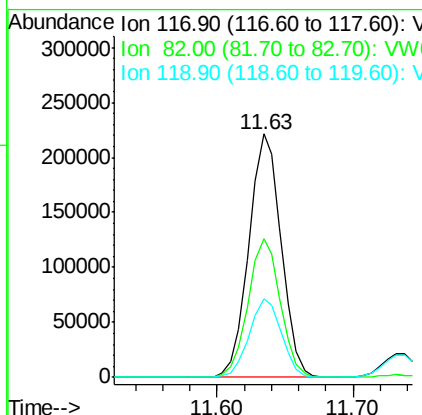
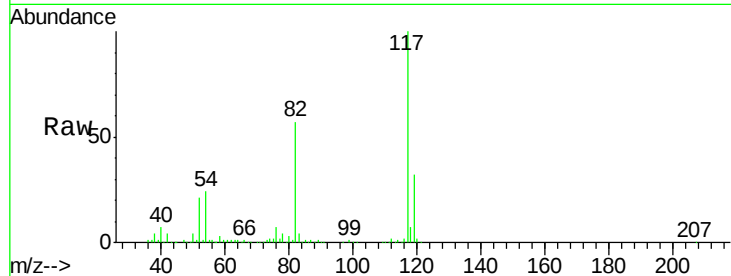
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW003714.D
Acq: 05 Jul 2018 12:15

Instrument :
MSVOA_W
ClientSampleId :
VW0705SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.9	46.0	69.0
119	32.0	25.4	38.0

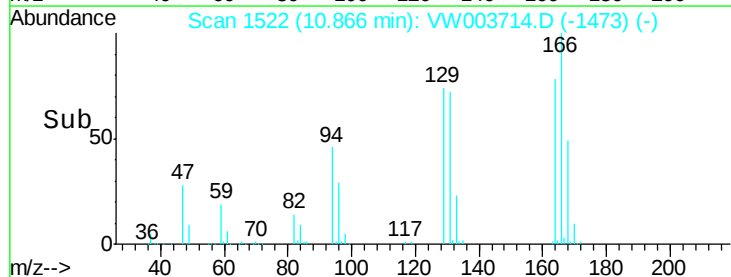
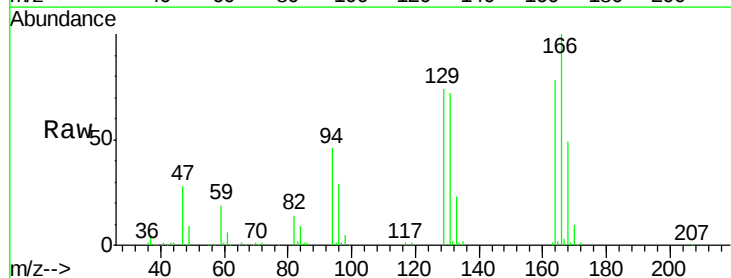
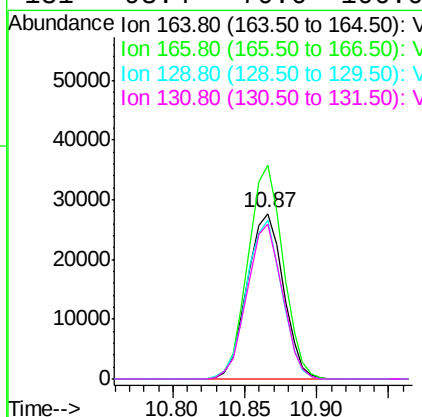
Manual Integrations
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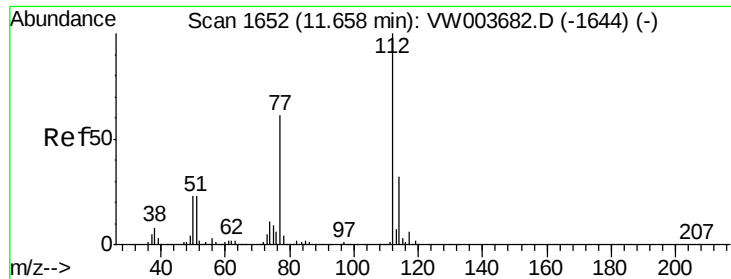
apatel
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#64
Tetrachloroethene
Concen: 19.368 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003714.D
Acq: 05 Jul 2018 12:15

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.0	99.0	148.4
129	95.9	73.8	110.6
131	93.4	70.6	106.0





#65

Chlorobenzene

Concen: 19.686 ug/l

RT: 11.66 min Scan# 1652

Delta R.T. 0.00 min

Lab File: VW003714.D

Acq: 05 Jul 2018 12:15

Instrument :

MSVOA_W

ClientSampled :

VW0705SBS01

Tot Ion:112 Resp: 152489

Ion Ratio Lower Upper

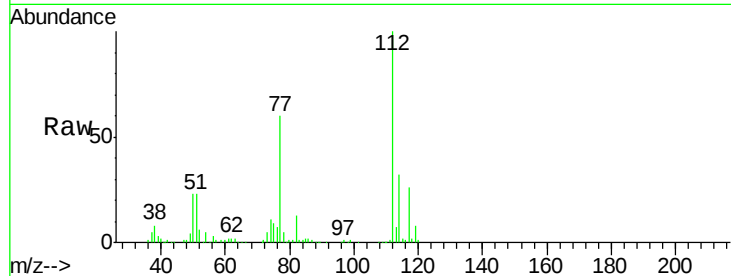
112 100

114 31.8 25.8 38.8

Manual Integrations
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.66

100000

80000

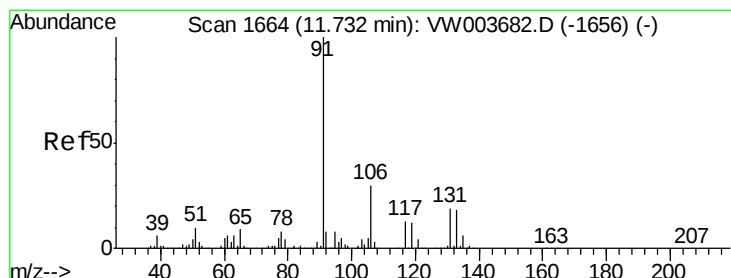
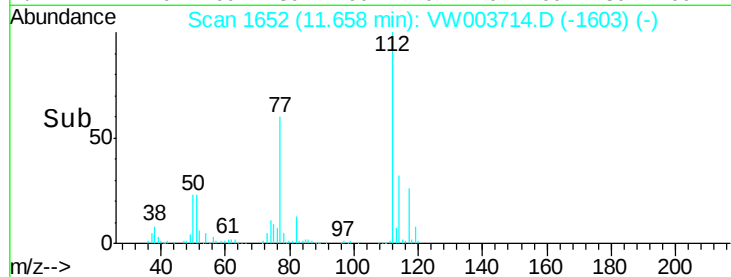
60000

40000

20000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 19.965 ug/l

RT: 11.73 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VW003714.D

Acq: 05 Jul 2018 12:15

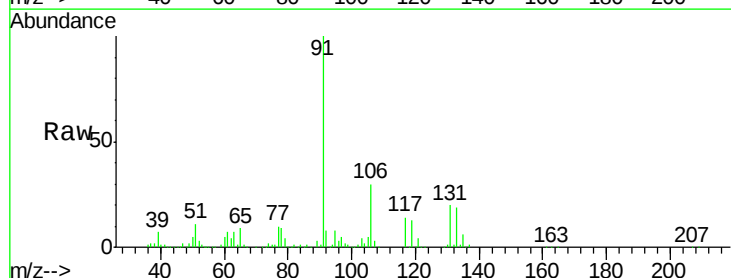
Tgt Ion:131 Resp: 54048

Ion Ratio Lower Upper

131 100

133 94.5 47.6 142.8

119 64.4 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

11.73

80000

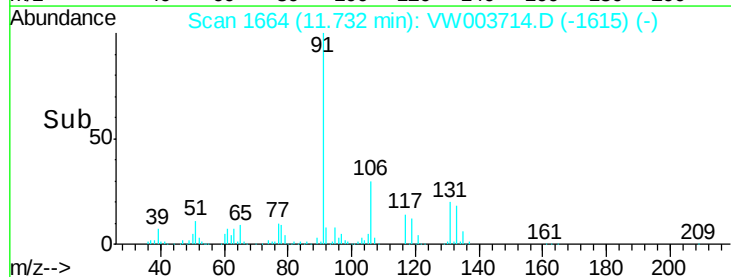
60000

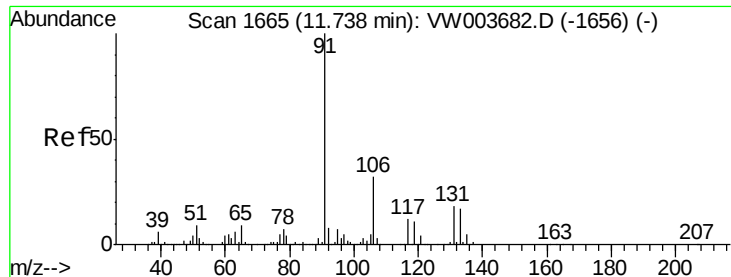
40000

20000

0

Time-->





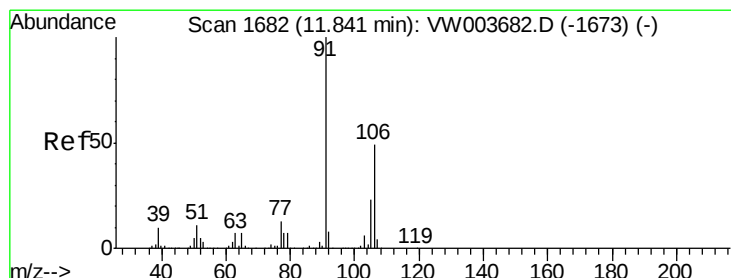
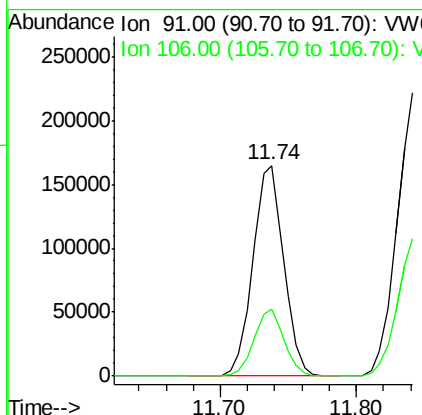
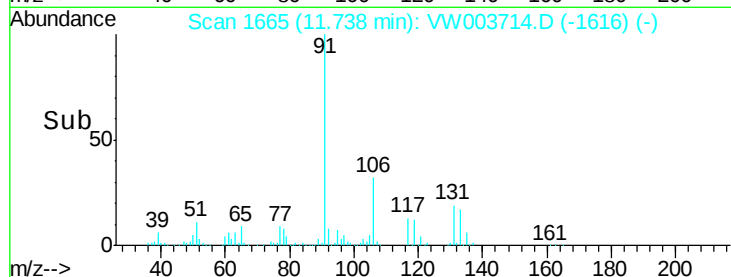
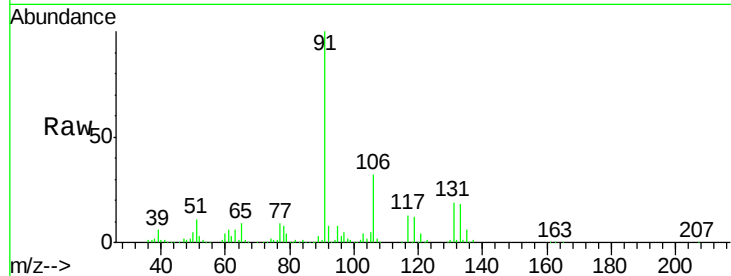
#67
Ethyl Benzene
Concen: 19.360 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003714.D
Acq: 05 Jul 2018 12:15

Instrument :
MSVOA_W
ClientSampled :
VW0705SBS01

Tot Ion: 91 Resp: 262759
Ion Ratio Lower Upper
91 100
106 31.6 25.2 37.8

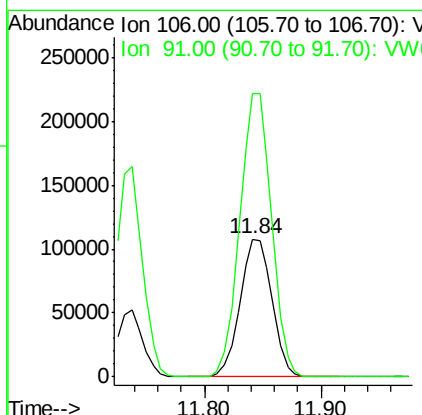
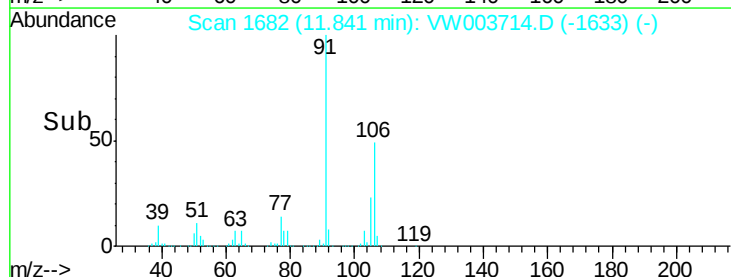
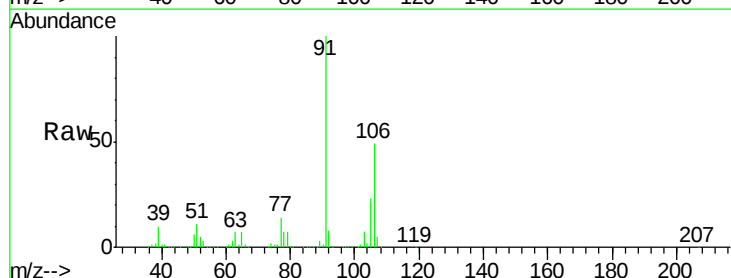
Manual Integrations
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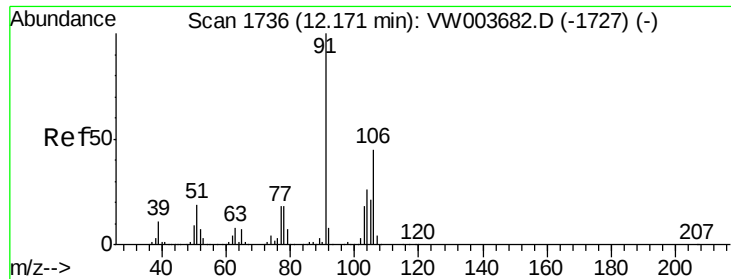
apatel
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#68
m/p-Xylenes
Concen: 39.705 ug/l
RT: 11.84 min Scan# 1682
Delta R.T. 0.00 min
Lab File: VW003714.D
Acq: 05 Jul 2018 12:15

Tgt Ion: 106 Resp: 204924
Ion Ratio Lower Upper
106 100
91 205.3 163.7 245.5





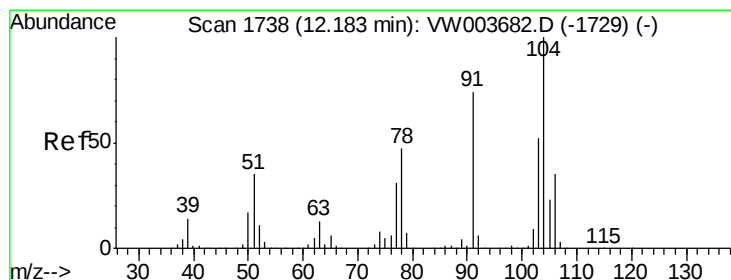
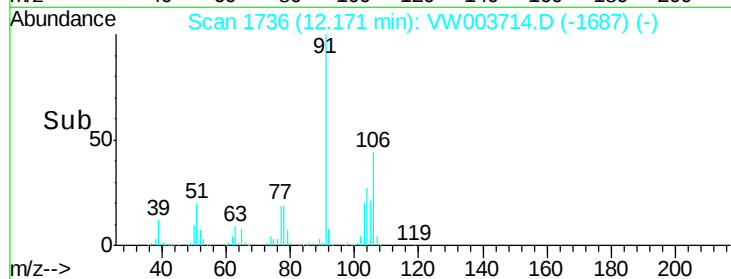
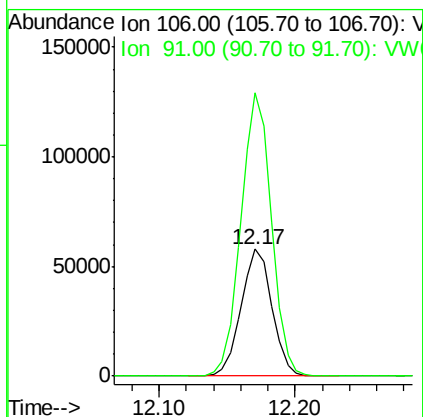
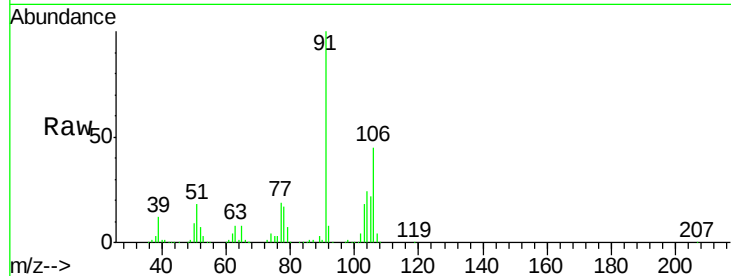
#69
o-Xylene
Concen: 19.285 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003714.D
Acq: 05 Jul 2018 12:15

Instrument :
MSVOA_W
ClientSampled :
VW0705SBS01

Tot Ion:106 Resp: 92014
Ion Ratio Lower Upper
106 100
91 219.9 109.3 327.8

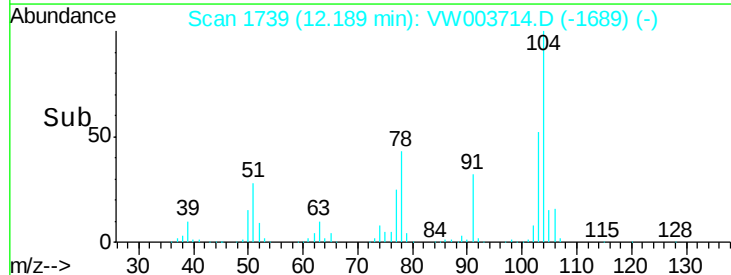
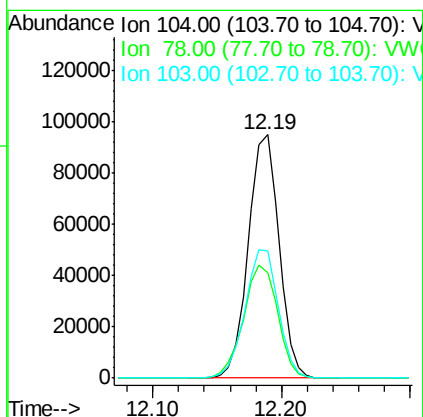
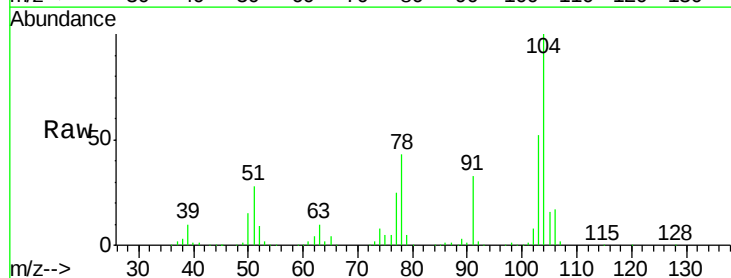
Manual Integrations
APPROVED

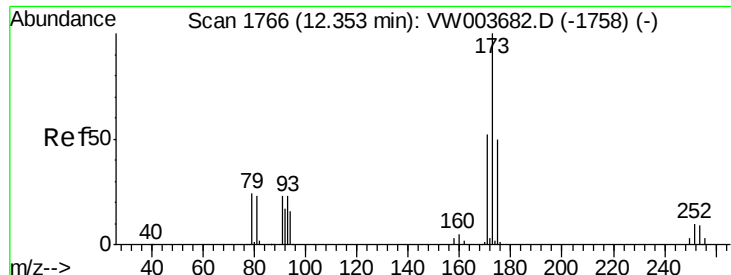
apatel
7/6/2018 10:02:04 AM



#70
Styrene
Concen: 19.479 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.01 min
Lab File: VW003714.D
Acq: 05 Jul 2018 12:15

Tgt Ion:104 Resp: 156098
Ion Ratio Lower Upper
104 100
78 51.9 40.2 60.4
103 57.0 44.4 66.6





#71

Bromoform

Concen: 18.942 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW003714.D

Acq: 05 Jul 2018 12:15

Instrument :

MSVOA_W

ClientSampleId :

VW0705SBS01

Tot Ion:173 Resp: 28492

Ion Ratio Lower Upper

173 100

175 49.3 24.5 73.5

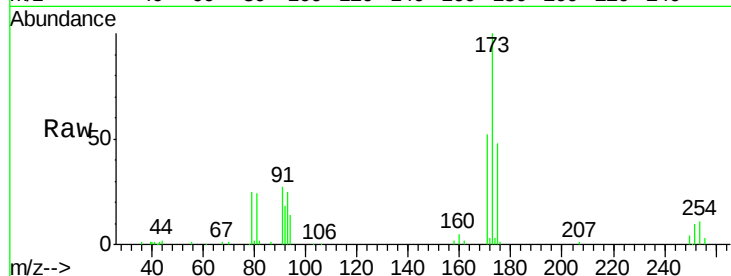
254 0.0 0.2 0.2#

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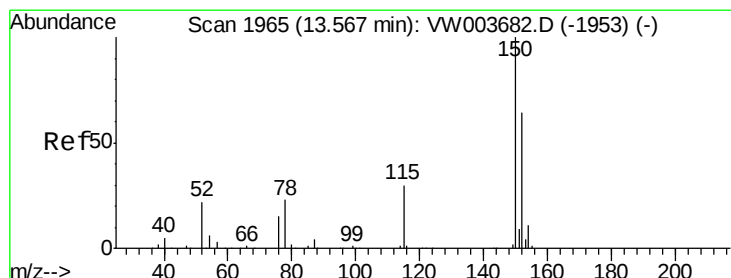
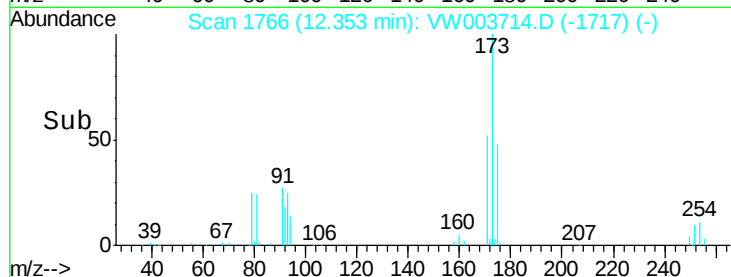
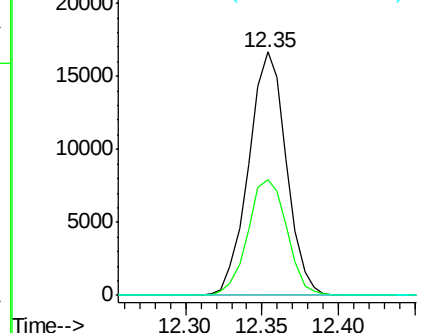
7/6/2018 10:02:04 AM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW003714.D

Acq: 05 Jul 2018 12:15

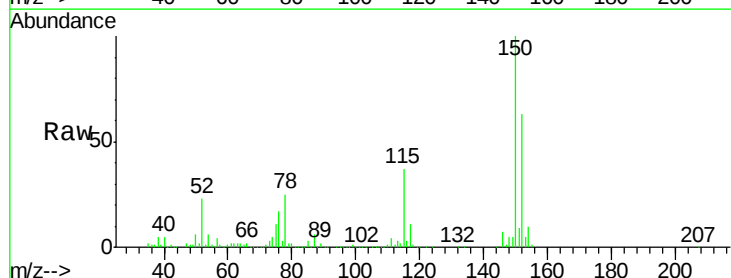
Tgt Ion:152 Resp: 198879

Ion Ratio Lower Upper

152 100

115 57.9 29.3 88.0

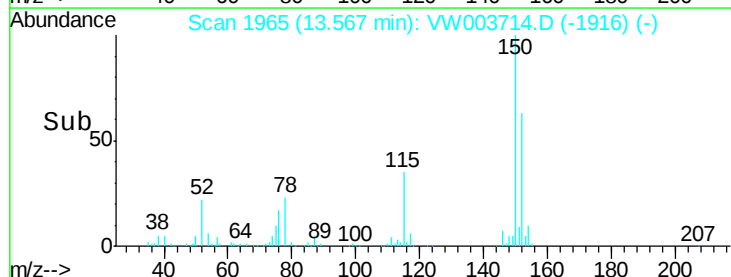
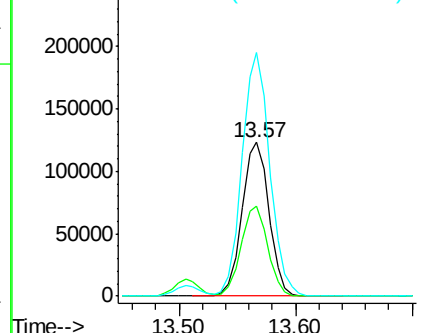
150 162.7 0.0 352.0

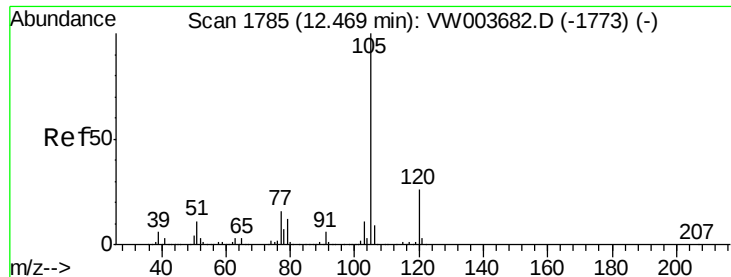


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.345 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW003714.D

Acq: 05 Jul 2018 12:15

Instrument :

MSVOA_W

ClientSampled :

VW0705SBS01

Tot Ion: 105 Resp: 261702

Ion Ratio Lower Upper

105 100

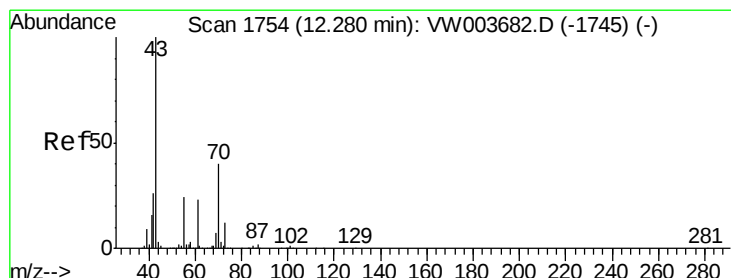
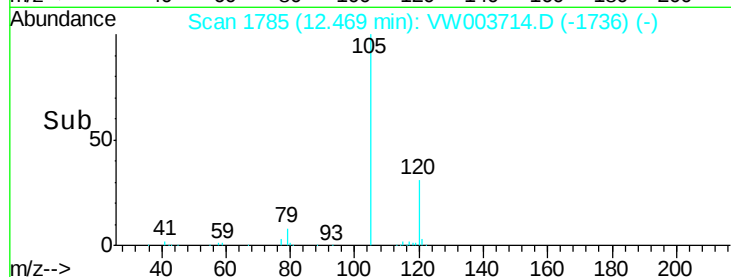
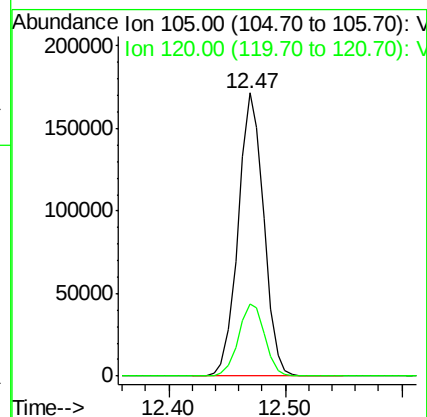
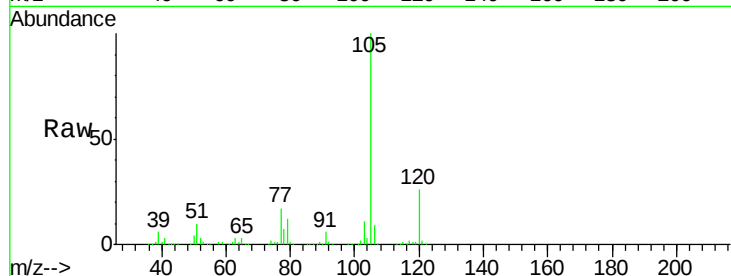
120 26.2 13.1 39.3

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#74

N-ethyl acetate

Concen: 17.533 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW003714.D

Acq: 05 Jul 2018 12:15

Tgt Ion: 43 Resp: 62631

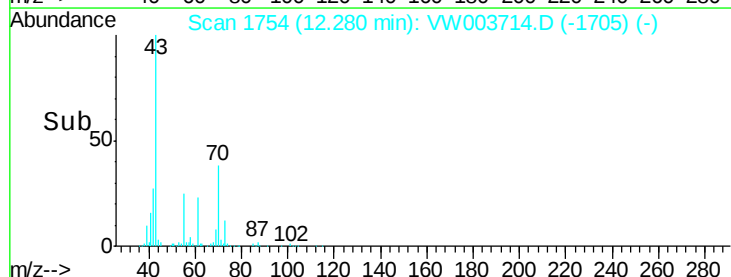
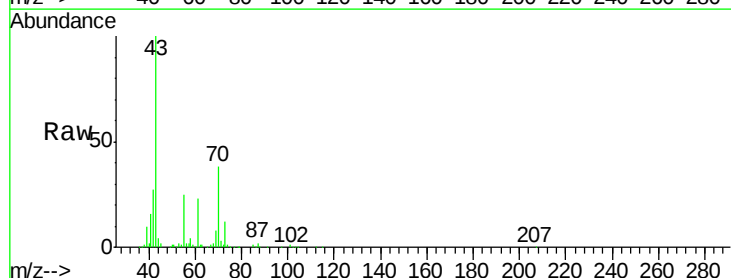
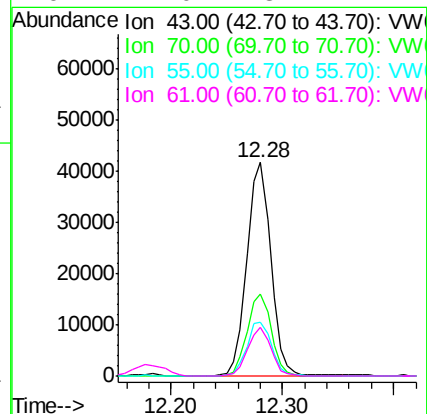
Ion Ratio Lower Upper

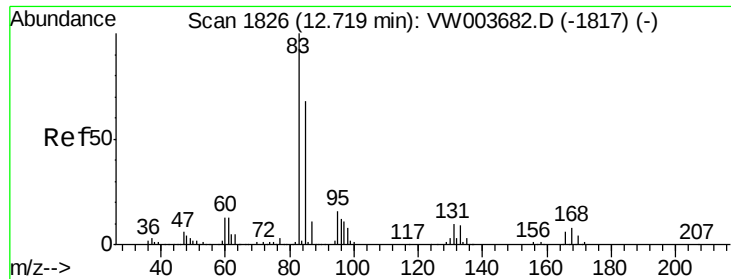
43 100

70 38.5 31.3 46.9

55 26.8 20.1 30.1

61 22.0 18.2 27.2





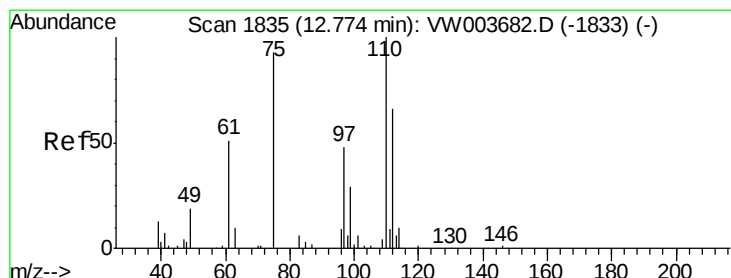
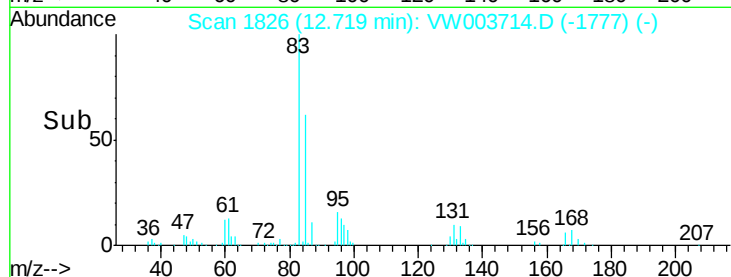
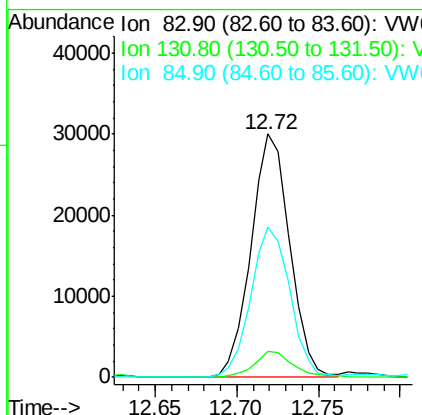
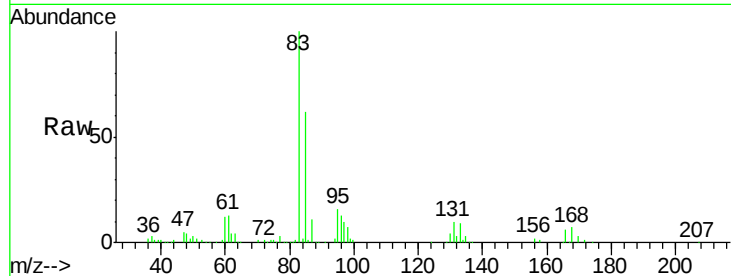
#75
 1,1,2,2-Tetrachloroethane
 Concen: 18.731 ug/l
 RT: 12.72 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VW003714.D
 Acq: 05 Jul 2018 12:15

Instrument :
 MSVOA_W
 ClientSampled :
 VW0705SBS01

Tot Ion	83	Resp	49564
Ion Ratio	100	Lower	Upper
83	100		
131	10.7	5.3	15.9
85	62.3	31.9	95.9

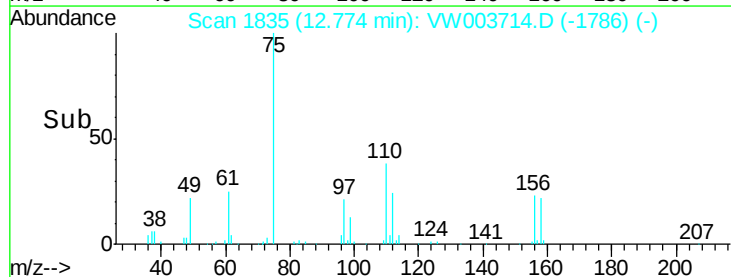
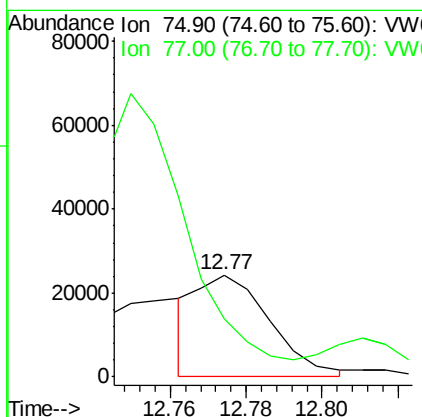
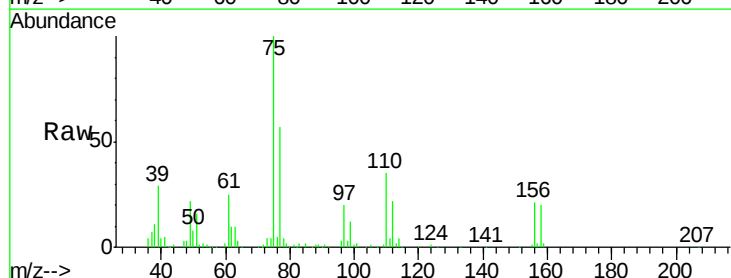
Manual Integrations
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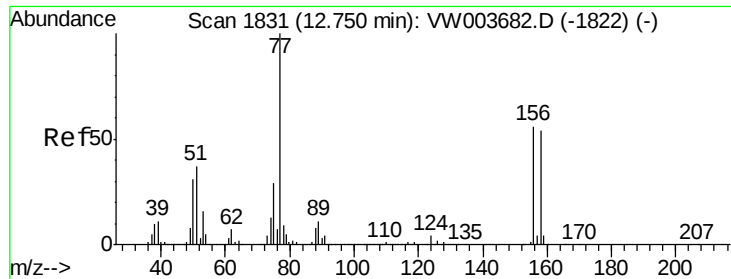
apatel
 7/6/2018 10:02:04 AM



#76
 1,2,3-Trichloropropane
 Concen: 18.431 ug/l m
 RT: 12.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VW003714.D
 Acq: 05 Jul 2018 12:15

Tgt Ion	75	Resp	32958
Ion Ratio	100	Lower	Upper
75	100		
77	0.0	0.0	0.0





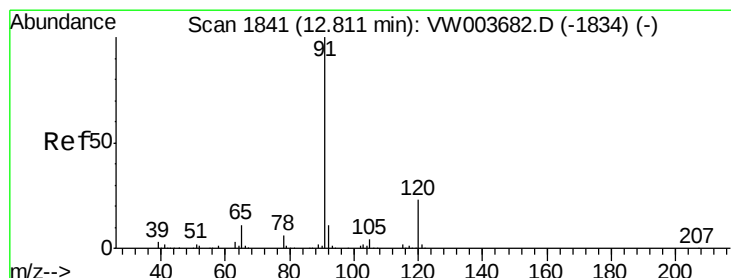
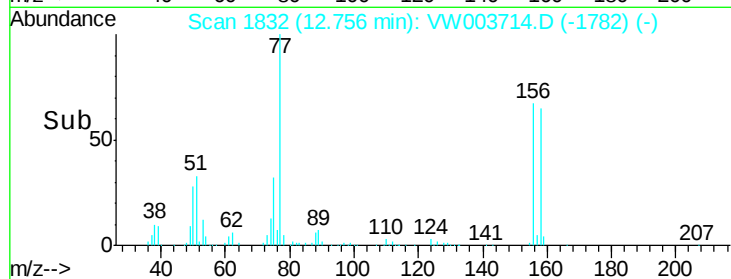
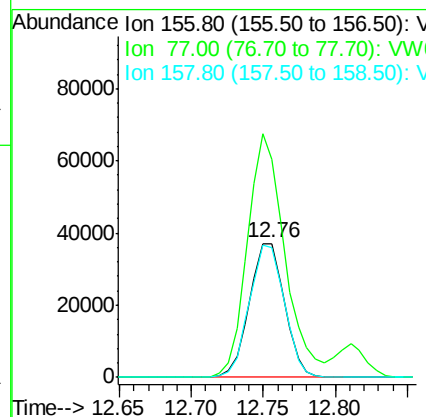
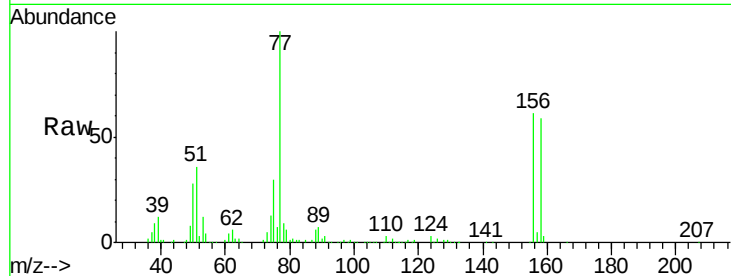
#77
Bromobenzene
Concen: 19.330 ug/l
RT: 12.76 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VW003714.D
Acq: 05 Jul 2018 12:15

Instrument :
MSVOA_W
ClientSampleId :
VW0705SBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	192.5	95.8	287.4
158	98.2	48.2	144.6

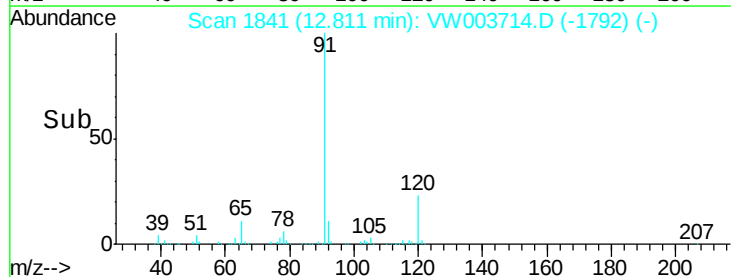
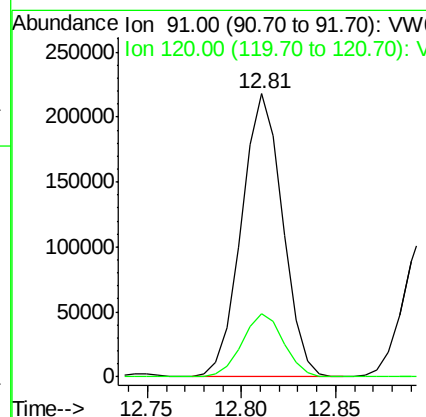
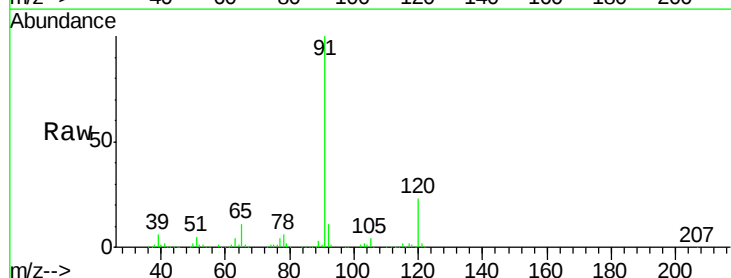
Manual Integrations
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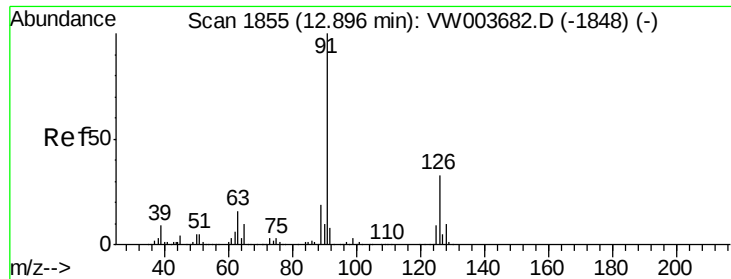
apatel
7/6/2018 10:02:04 AM



#78
n-propylbenzene
Concen: 19.684 ug/l
RT: 12.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VW003714.D
Acq: 05 Jul 2018 12:15

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.6	11.4	34.1





#79

2-Chlorotoluene

Concen: 19.264 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW003714.D

Acq: 05 Jul 2018 12:15

Instrument :

MSVOA_W

ClientSampled :

VW0705SBS01

Tot Ion: 91 Resp: 183201

Ion Ratio Lower Upper

91 100

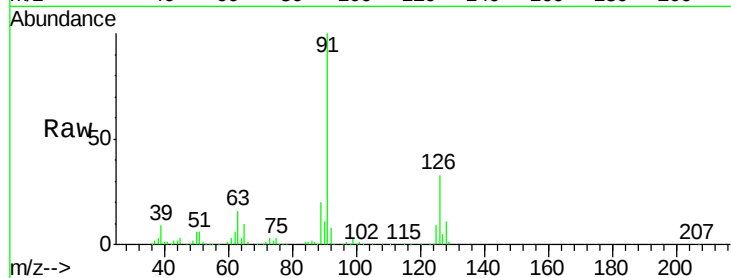
126 34.3 16.4 49.4

Manual Integrations

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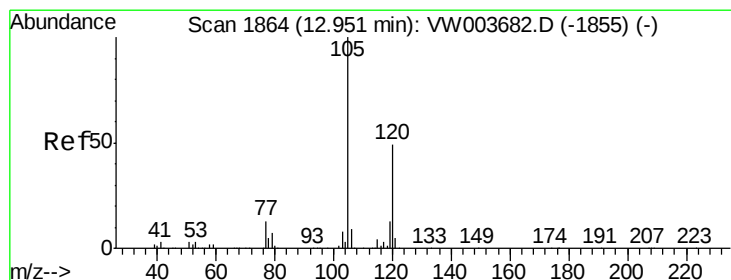
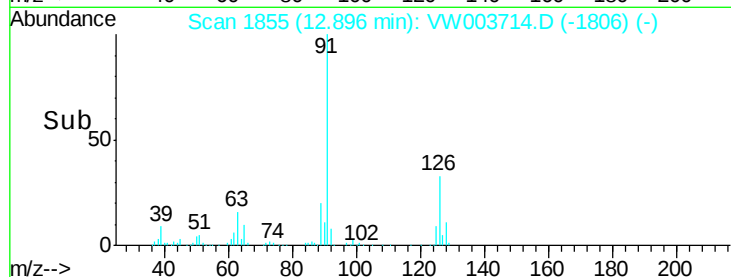
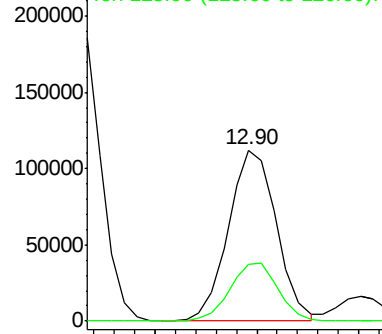
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.784 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW003714.D

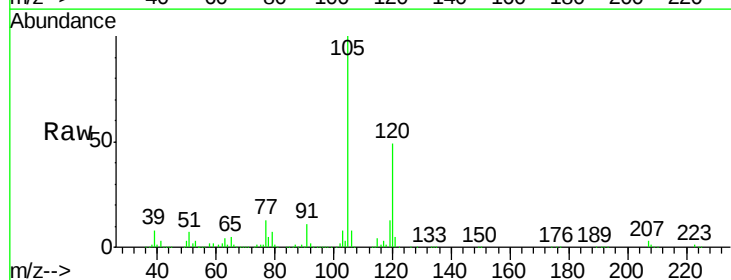
Acq: 05 Jul 2018 12:15

Tgt Ion:105 Resp: 226414

Ion Ratio Lower Upper

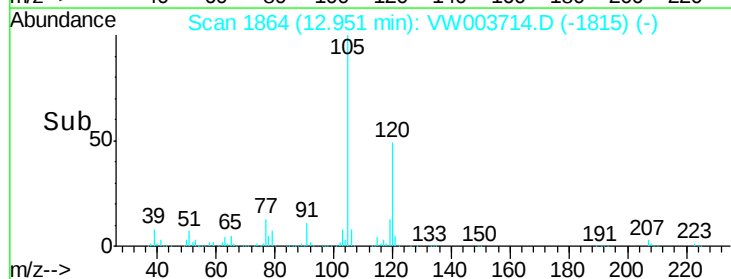
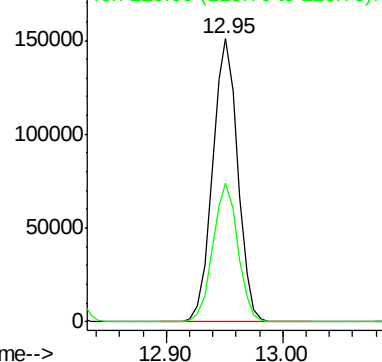
105 100

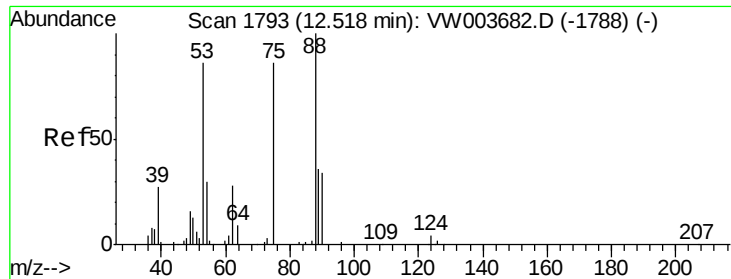
120 49.0 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





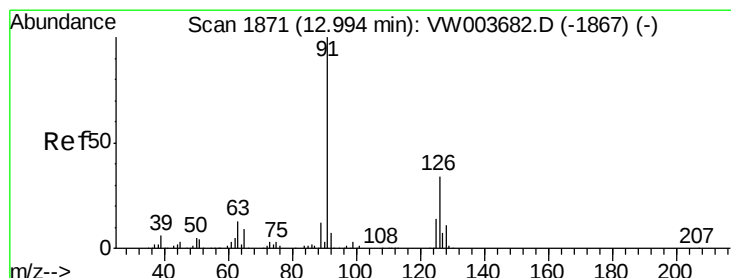
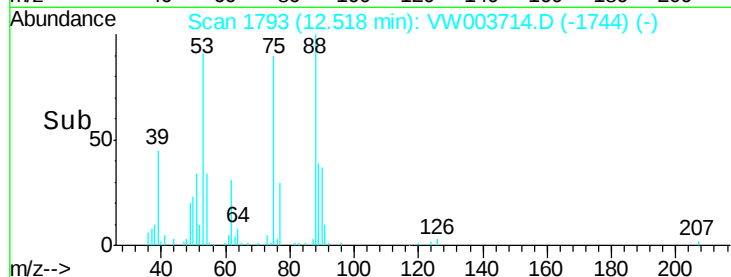
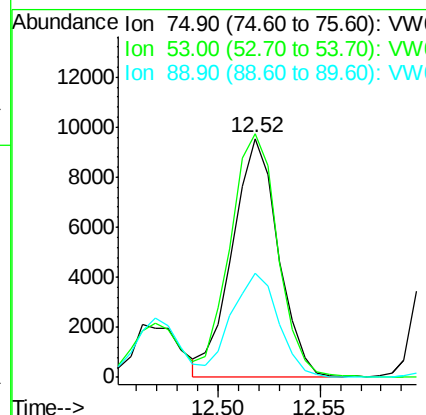
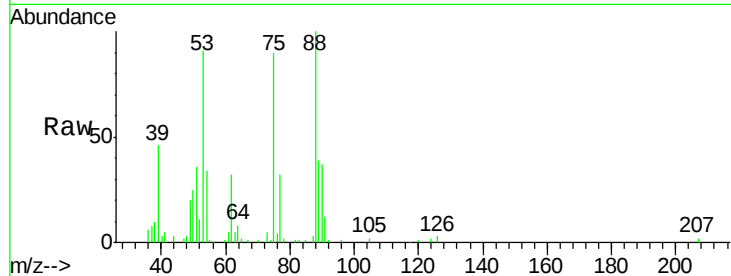
#81
trans-1,4-Dichloro-2-butene
Concen: 17.753 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VW003714.D
Acq: 05 Jul 2018 12:15

Instrument :
MSVOA_W
ClientSampleId :
VW0705SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	105.9	82.4	123.6
89	44.3	35.9	53.9

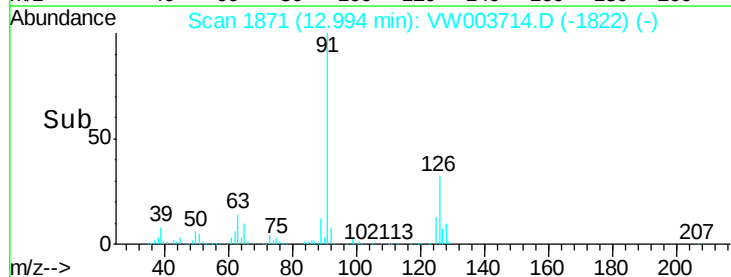
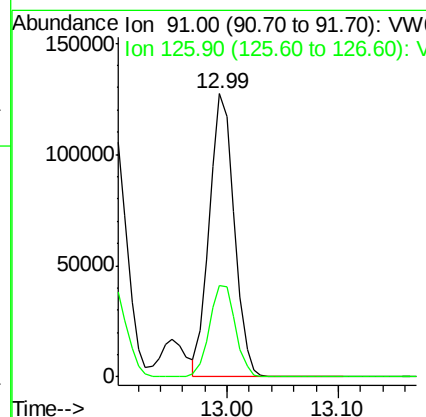
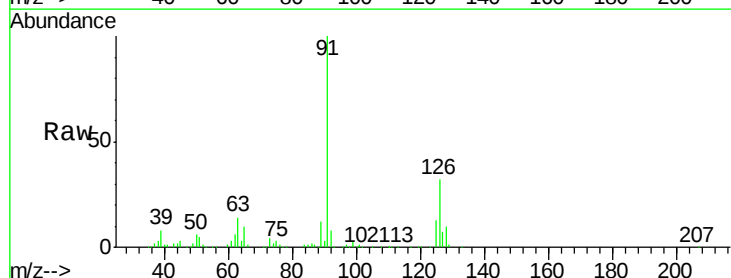
Manual Integrations
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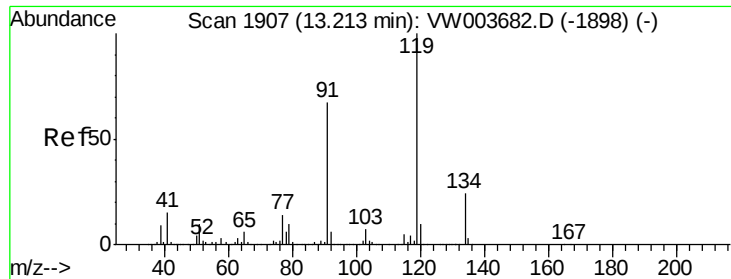
apatel
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#82
4-Chlorotoluene
Concen: 19.550 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. 0.00 min
Lab File: VW003714.D
Acq: 05 Jul 2018 12:15

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.8	17.0	50.9





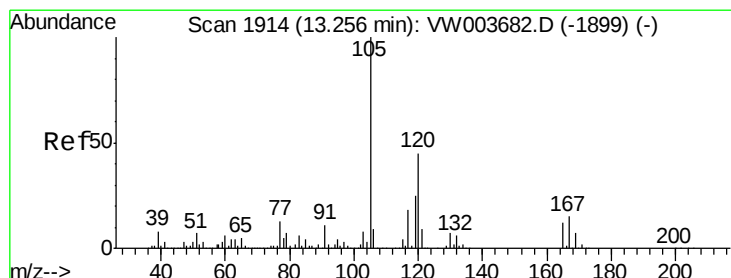
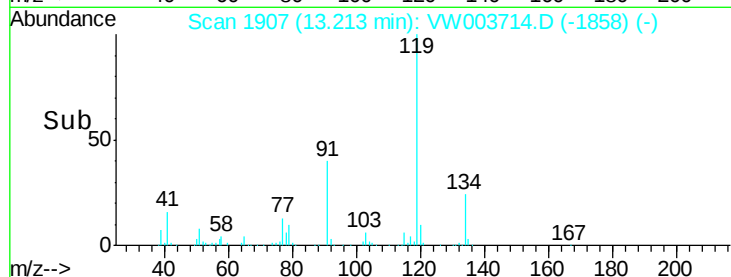
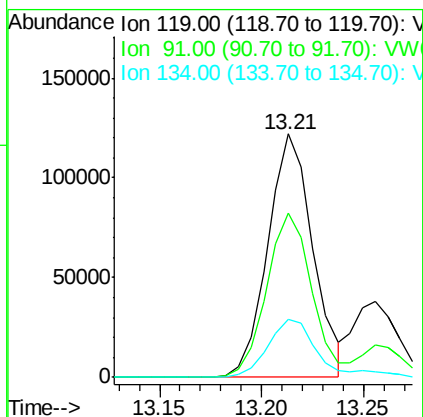
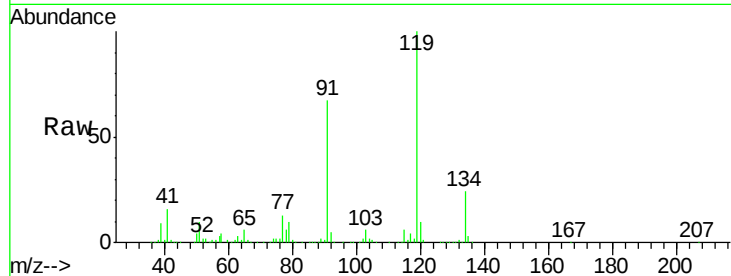
#83
tert-Butylbenzene
Concen: 19.465 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. 0.00 min
Lab File: VW003714.D
Acq: 05 Jul 2018 12:15

Instrument :
MSVOA_W
ClientSampleId :
VW0705SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	187910		
91	68.6	33.8	101.3	
134	26.8	13.1	39.1	

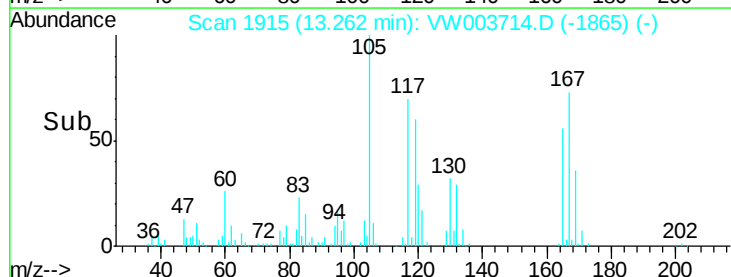
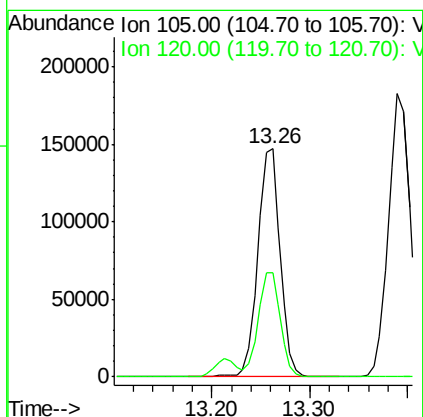
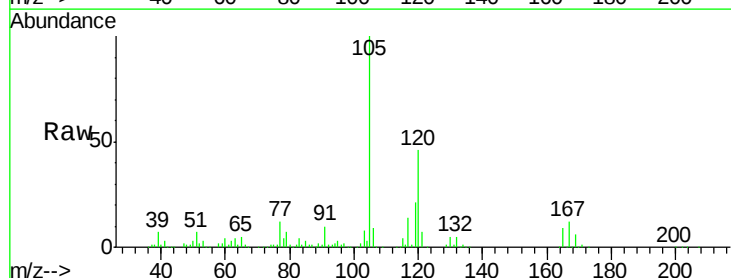
Manual Integrations
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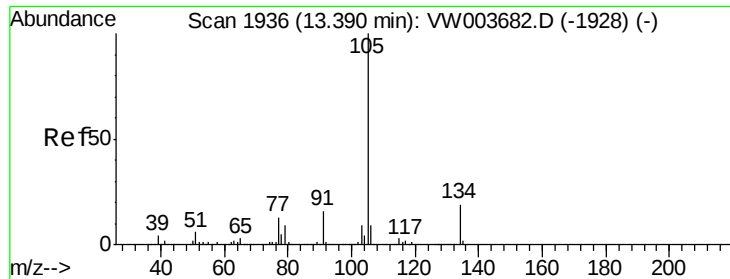
apatel
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#84
1,2,4-Trimethylbenzene
Concen: 19.836 ug/l
RT: 13.26 min Scan# 1915
Delta R.T. 0.01 min
Lab File: VW003714.D
Acq: 05 Jul 2018 12:15

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	233702		
120	45.2	22.4	67.3	





#85

sec-Butylbenzene

Concen: 19.526 ug/l

RT: 13.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VW003714.D

Acq: 05 Jul 2018 12:15

Instrument :

MSVOA_W

ClientSampleId :

VW0705SBS01

Tot Ion:105 Resp: 280486

Ion Ratio Lower Upper

105 100

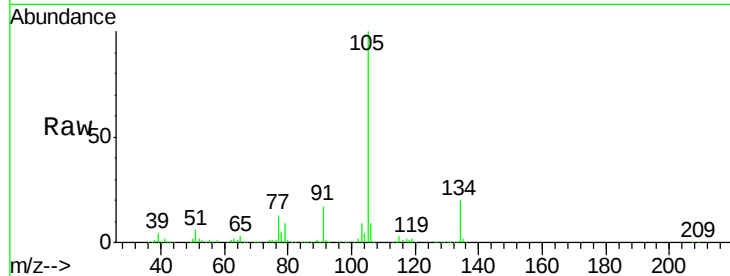
134 19.6 9.8 29.4

Manual Integrations

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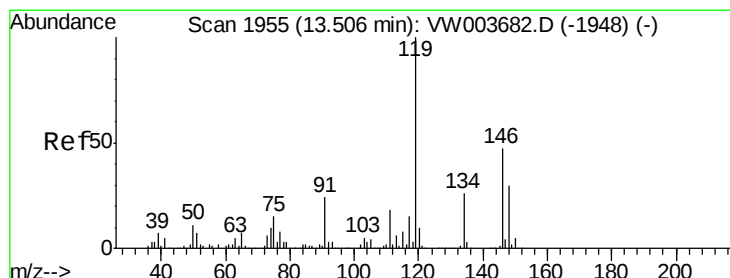
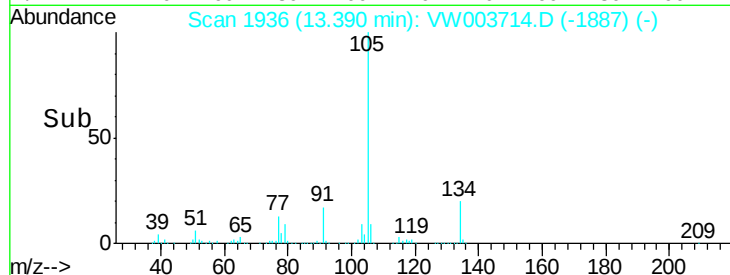
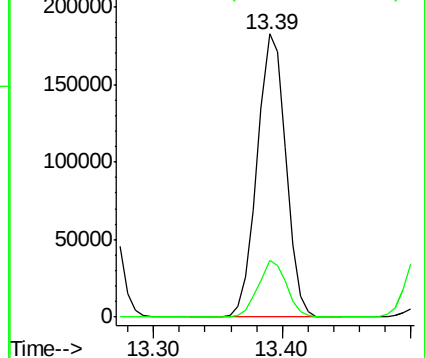
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.596 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW003714.D

Acq: 05 Jul 2018 12:15

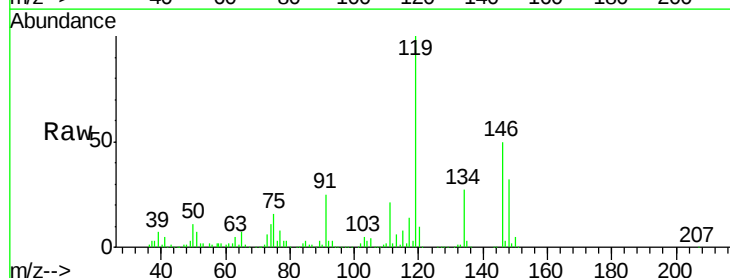
Tgt Ion:119 Resp: 246223

Ion Ratio Lower Upper

119 100

134 26.4 13.0 38.9

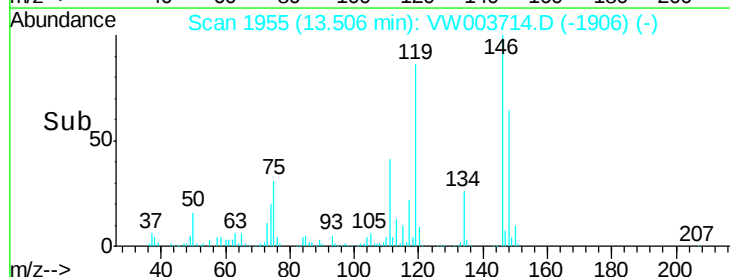
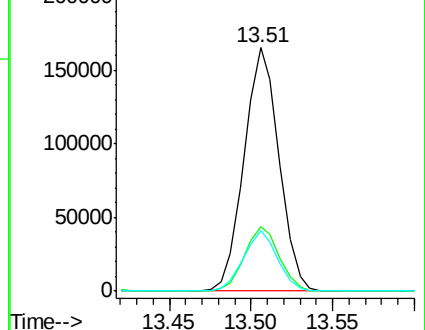
91 24.3 11.8 35.4

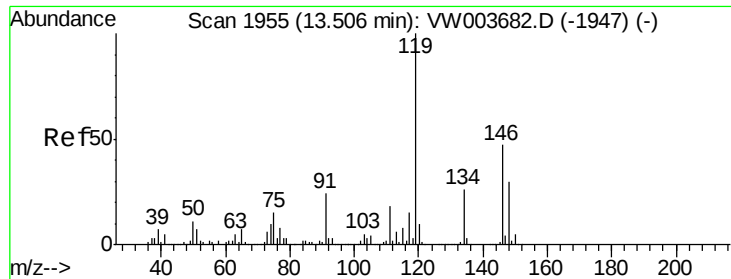


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





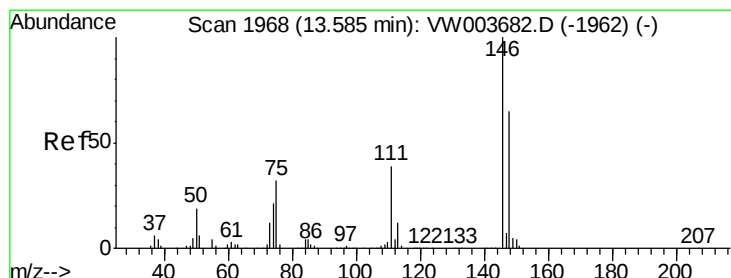
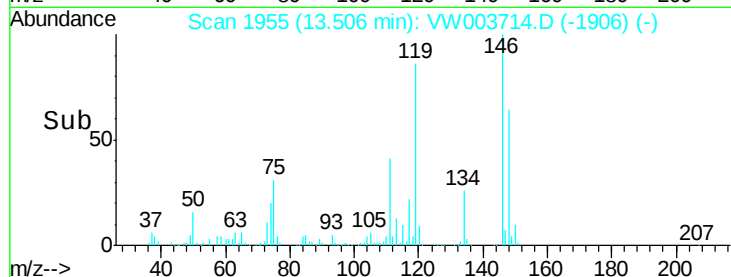
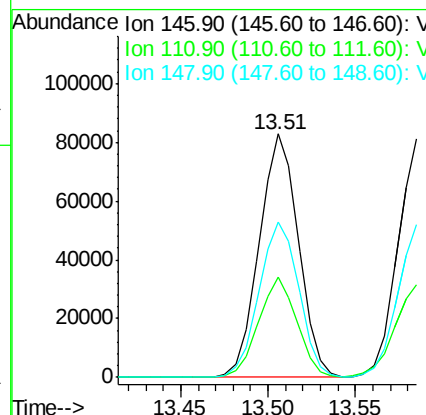
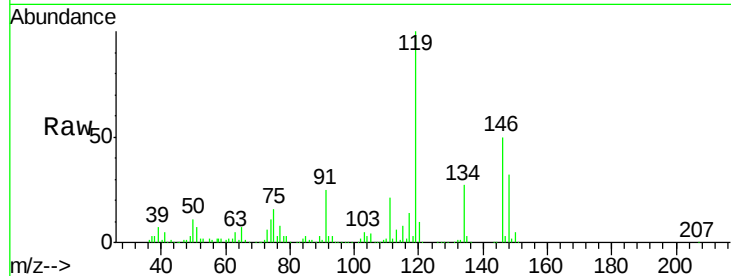
#87
 1,3-Dichlorobenzene
 Concen: 19.568 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003714.D
 Acq: 05 Jul 2018 12:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0705SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	128941		
111	40.0	19.9	59.7	
148	64.9	31.9	95.9	

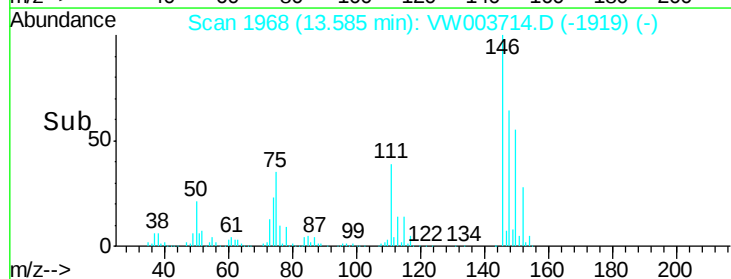
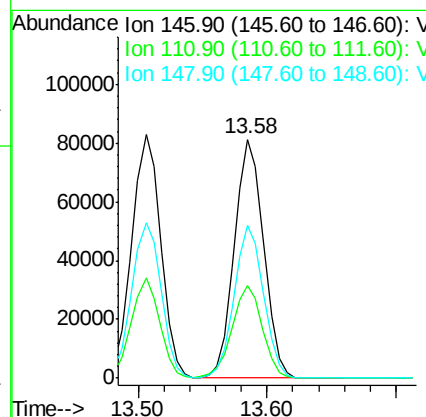
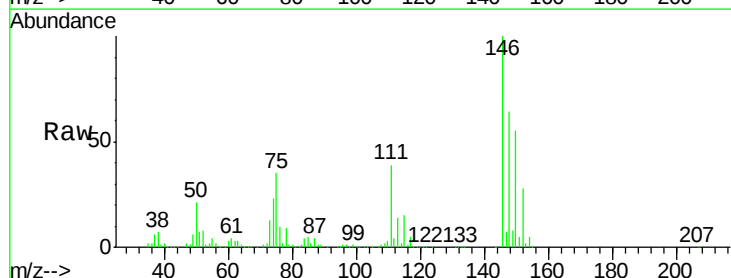
Manual Integrations
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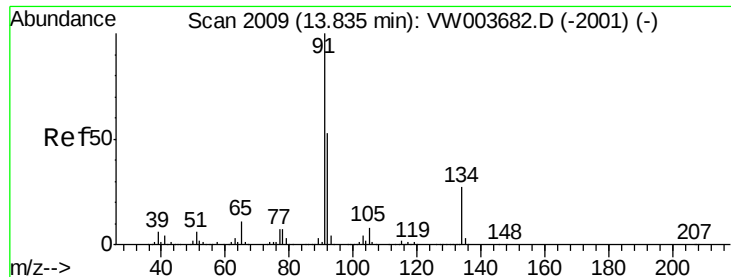
apatel
 7/6/2018 10:02:04 AM



#88
 1,4-Dichlorobenzene
 Concen: 19.621 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW003714.D
 Acq: 05 Jul 2018 12:15

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	129194		
111	40.2	19.3	57.9	
148	63.8	32.3	96.9	





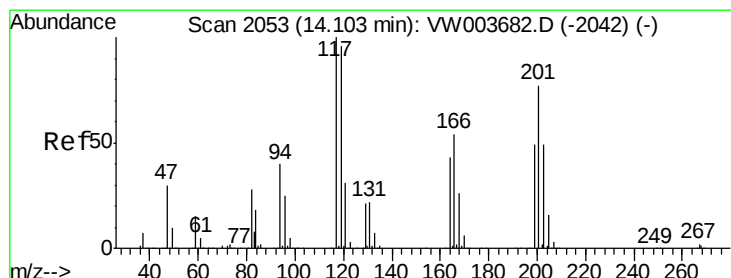
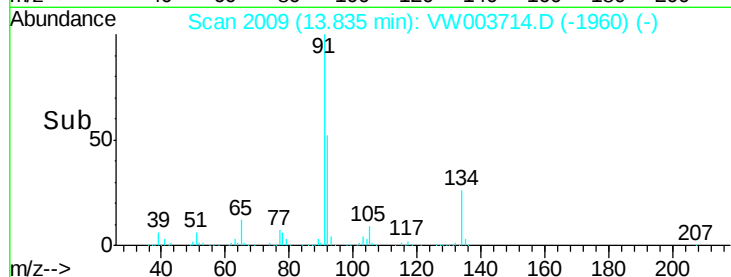
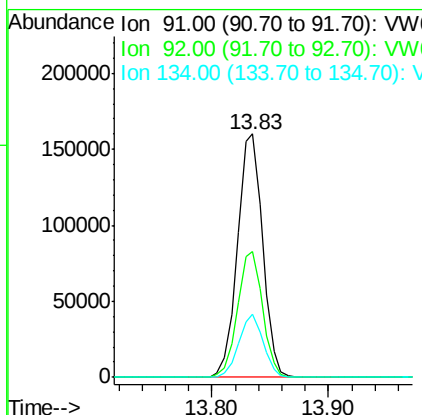
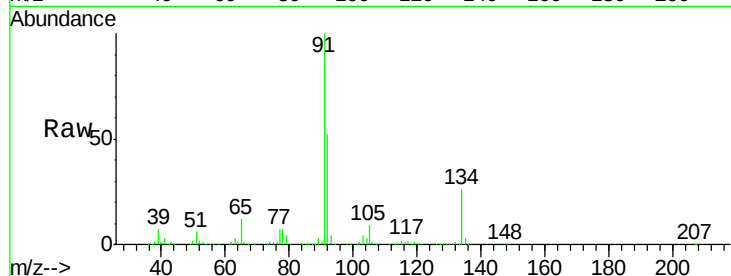
#89
n-Butylbenzene
Concen: 19.447 ug/l
RT: 13.83 min Scan# 2009
Delta R.T. 0.00 min
Lab File: VW003714.D
Acq: 05 Jul 2018 12:15

Instrument :
MSVOA_W
ClientSampled :
VW0705SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.5	26.4	79.2
134	25.1	12.7	38.1

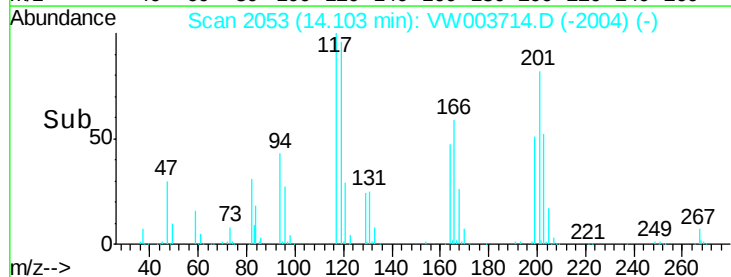
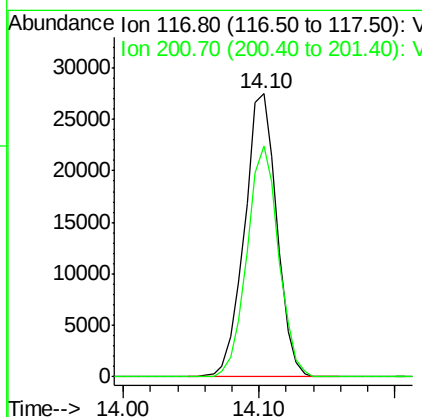
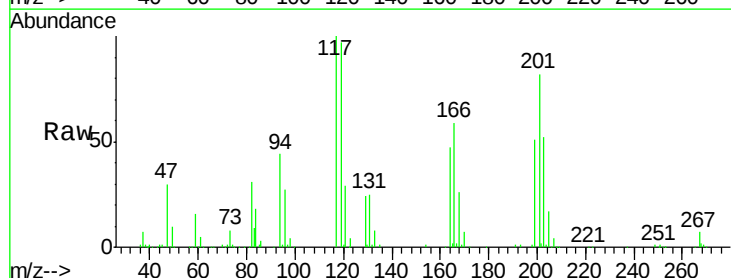
Manual Integrations
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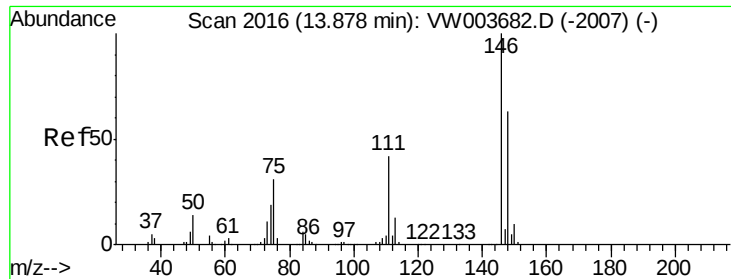
apatel
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#90
Hexachloroethane
Concen: 19.643 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.00 min
Lab File: VW003714.D
Acq: 05 Jul 2018 12:15

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.7	39.1	117.2





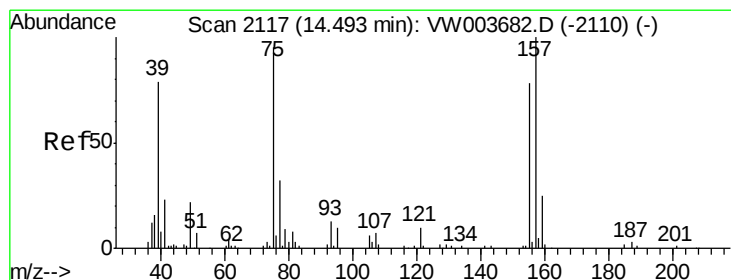
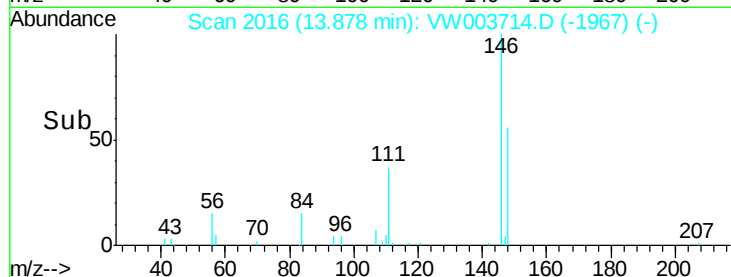
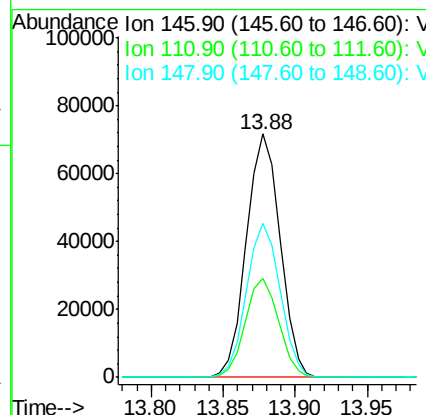
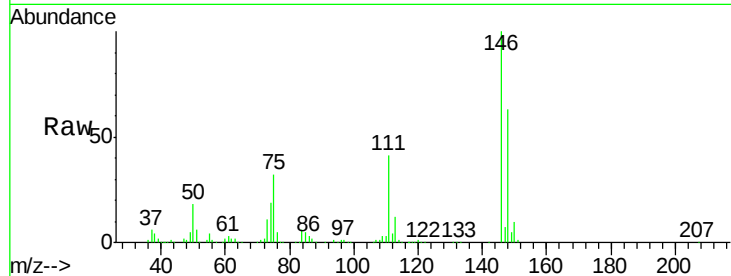
#91
 1,2-Dichlorobenzene
 Concen: 19.777 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW003714.D
 Acq: 05 Jul 2018 12:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0705SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.6	61.9
148	62.9	31.9	95.7

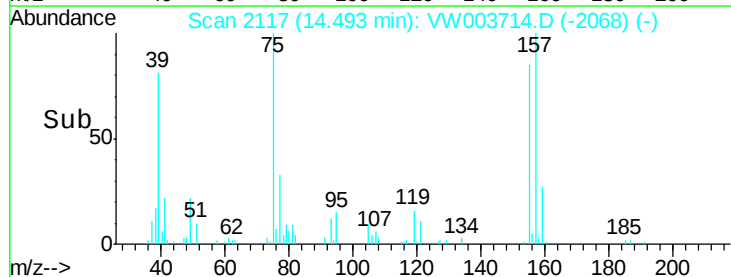
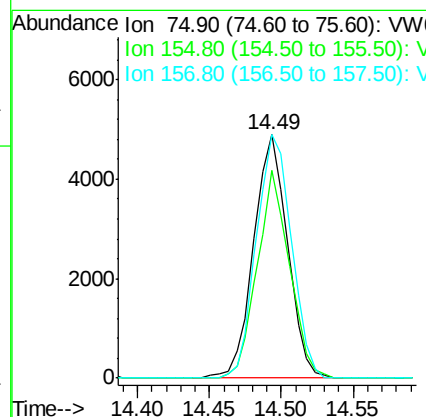
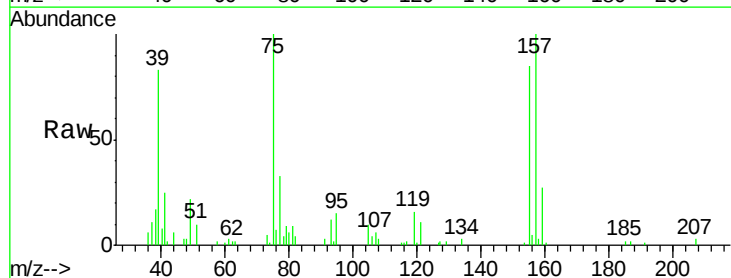
Manual Integrations
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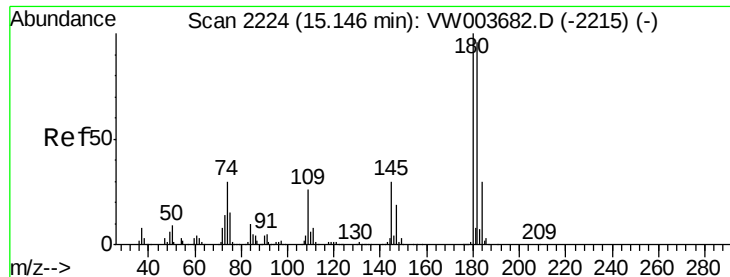
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.183 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW003714.D
 Acq: 05 Jul 2018 12:15

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.6	40.2	120.6
157	103.6	50.7	152.3





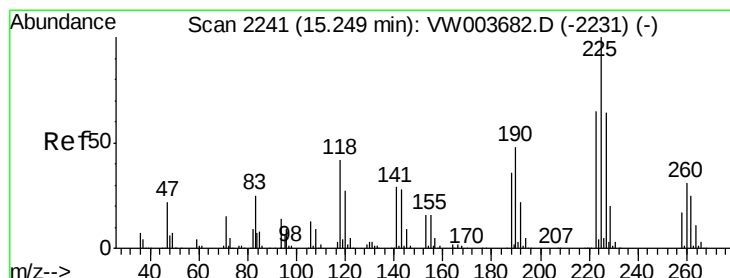
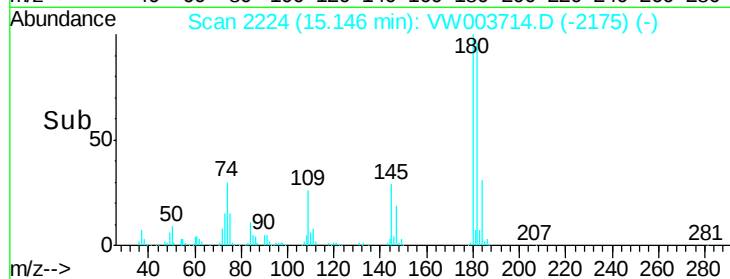
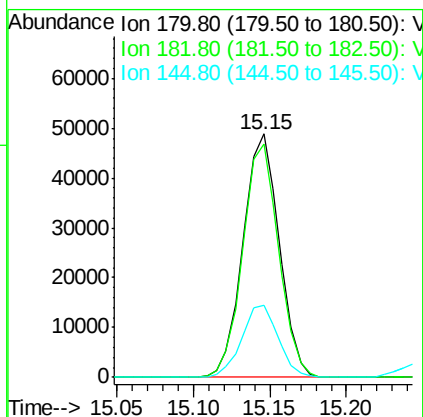
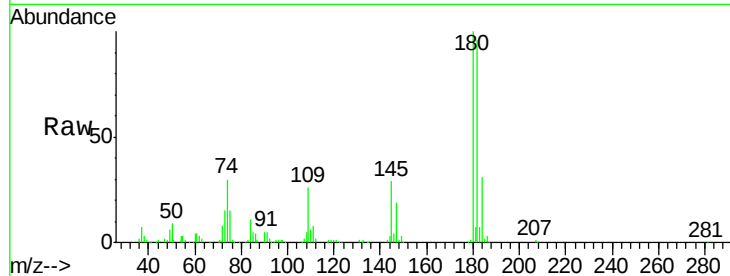
#93
 1,2,4-Trichlorobenzene
 Concen: 19.306 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW003714.D
 Acq: 05 Jul 2018 12:15

Instrument :
 MSVOA_W
 ClientSampled :
 VW0705SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.6	142.8
145	30.0	14.9	44.5

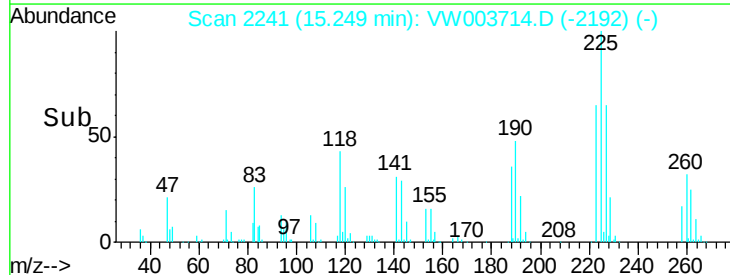
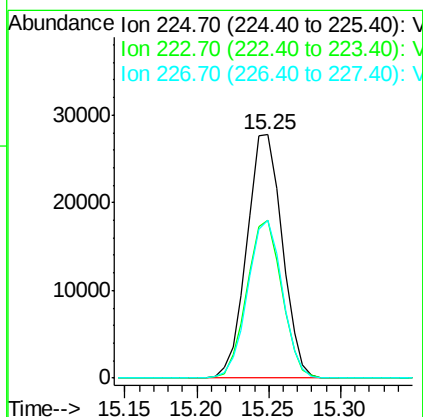
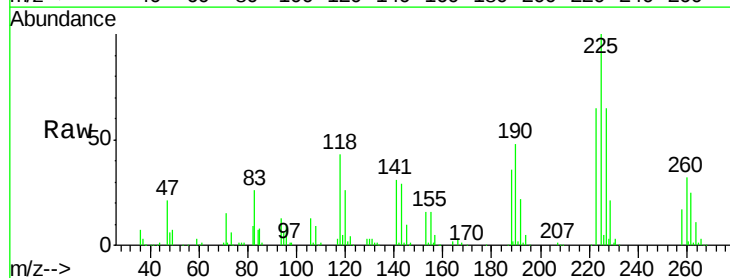
Manual Integrations
 APPROVED

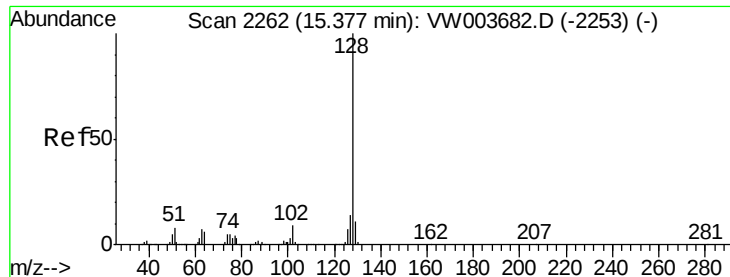
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#94
 Hexachlorobutadiene
 Concen: 19.668 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: VW003714.D
 Acq: 05 Jul 2018 12:15

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	32.0	96.2
227	63.3	31.9	95.7





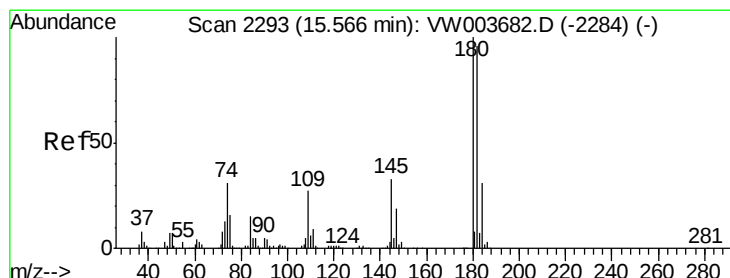
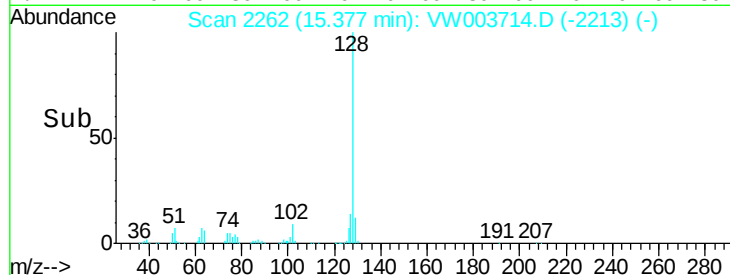
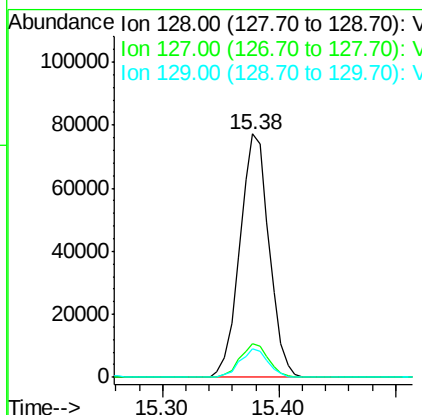
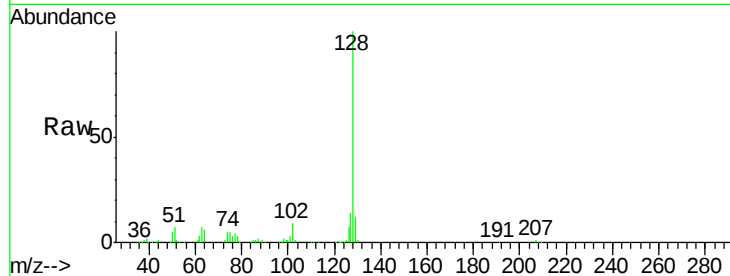
#95
Naphthalene
Concen: 17.943 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW003714.D
Acq: 05 Jul 2018 12:15

Instrument :
MSVOA_W
ClientSampleId :
VW0705SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.6	15.8
129	11.3	8.8	13.2

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 19.112 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VW003714.D
Acq: 05 Jul 2018 12:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.8	143.3
145	32.0	15.9	47.7

