

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062718\
 Data File : VW003605.D
 Acq On : 27 Jun 2018 11:39
 Operator : SY/AP
 Sample : VW0627SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0627SBS02

Manual Integrations
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 6/28/2018 12:35:14 PM

Quant Time: Jun 27 14:11:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 05:18:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	216403	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	331013	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	310153	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	165073	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	117433	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	
35) Dibromofluoromethane	7.88	113	104831	50.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.94%	
50) Toluene-d8	10.33	98	424433	52.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.08%	
62) 4-Bromofluorobenzene	12.63	95	150794	52.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	17083	26.11	ug/l	88
3) Chloromethane	2.21	50	33695	20.38	ug/l	99
4) Vinyl Chloride	2.36	62	48699	20.21	ug/l	99
5) Bromomethane	2.78	94	29243	18.26	ug/l	93
6) Chloroethane	2.92	64	32664	19.47	ug/l	98
7) Trichlorofluoromethane	3.25	101	31118	21.56	ug/l	92
8) Diethyl Ether	3.68	74	21876	20.63	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.06	101	43300	21.60	ug/l	98
10) Methyl Iodide	4.26	142	62340	20.56	ug/l	99
11) Tert butyl alcohol	5.24	59	11531m	91.73	ug/l	
12) 1,1-Dichloroethene	4.02	96	40209	20.53	ug/l	98
13) Acrolein	3.89	56	12049	67.04	ug/l	97
14) Allyl chloride	4.66	41	69789	20.57	ug/l	100
15) Acrylonitrile	5.38	53	42333	97.02	ug/l	97
16) Acetone	4.15	43	50617	102.96	ug/l	97
17) Carbon Disulfide	4.37	76	119816	20.69	ug/l	99
18) Methyl Acetate	4.68	43	21742	18.64	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	71519	19.49	ug/l	97
20) Methylene Chloride	4.90	84	53059	23.46	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	44313	20.78	ug/l	95
22) Diisopropyl ether	6.31	45	145038	21.24	ug/l	94
23) Vinyl Acetate	6.26	43	389355	98.93	ug/l	100
24) 1,1-Dichloroethane	6.21	63	86949	21.45	ug/l	99
25) 2-Butanone	7.18	43	62112	101.61	ug/l	92
26) 2,2-Dichloropropane	7.17	77	56466	20.87	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	47800	20.41	ug/l	96
28) Bromochloromethane	7.51	49	32081	19.02	ug/l	95
29) Tetrahydrofuran	7.54	42	34357	91.96	ug/l	99
30) Chloroform	7.68	83	89798	21.74	ug/l	99
31) Cyclohexane	7.95	56	77540	20.47	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	71937	21.10	ug/l	99
36) 1,1-Dichloropropene	8.09	75	69543	21.75	ug/l	99
37) Ethyl Acetate	7.26	43	26170	19.76	ug/l	99
38) Carbon Tetrachloride	8.07	117	67037	21.38	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	75856	20.51	ug/l	100
40) Benzene	8.32	78	194351	22.06	ug/l	98
41) Methacrylonitrile	7.49	41	15535	19.12	ug/l	96
42) 1,2-Dichloroethane	8.40	62	59488	21.55	ug/l	100
43) Isopropyl Acetate	8.43	43	49566	18.85	ug/l	97
44) Trichloroethene	9.09	130	50885	21.79	ug/l	100
45) 1,2-Dichloropropane	9.37	63	48994	21.84	ug/l	98
46) Dibromomethane	9.46	93	23892	20.80	ug/l	98
47) Bromodichloromethane	9.65	83	64348	21.86	ug/l	98
48) Methyl methacrylate	9.44	41	23835	19.29	ug/l	97
49) 1,4-Dioxane	9.50	88	6132	353.57	ug/l #	73
51) 4-Methyl-2-Pentanone	10.22	43	129154	96.39	ug/l	100
52) Toluene	10.39	92	123743	21.90	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	61246	20.36	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	71180	20.79	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	34067	21.05	ug/l	97
56) Ethyl methacrylate	10.65	69	37549	19.10	ug/l	98
57) 1,3-Dichloropropane	10.94	76	58478	20.95	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	85180	96.67	ug/l	99
59) 2-Hexanone	10.98	43	93827	100.24	ug/l	99
60) Dibromochloromethane	11.13	129	39366	20.45	ug/l	100
61) 1,2-Dibromoethane	11.24	107	31156	20.35	ug/l	98
64) Tetrachloroethene	10.87	164	42655	20.56	ug/l	98
65) Chlorobenzene	11.66	112	134373	20.81	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	47831	21.07	ug/l	96
67) Ethyl Benzene	11.74	91	236366	20.65	ug/l	100
68) m/p-Xylenes	11.85	106	186065	42.75	ug/l	98
69) o-Xylene	12.17	106	83156	20.62	ug/l	99
70) Styrene	12.19	104	140847	20.98	ug/l	99
71) Bromoform	12.35	173	22643	19.25	ug/l #	98
73) Isopropylbenzene	12.47	105	235451	20.51	ug/l	99
74) N-amyl acetate	12.28	43	47827	18.30	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	38419	19.78	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	28208m	19.99	ug/l	
77) Bromobenzene	12.76	156	54087	20.23	ug/l	97
78) n-propylbenzene	12.81	91	296305	21.08	ug/l	100
79) 2-Chlorotoluene	12.90	91	166117	20.91	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	205059	21.28	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	11289	18.41	ug/l	97
82) 4-Chlorotoluene	13.00	91	176995	21.00	ug/l	100
83) tert-Butylbenzene	13.21	119	168538	20.52	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	211695	21.35	ug/l	98
85) sec-Butylbenzene	13.39	105	253554	20.77	ug/l	100
86) p-Isopropyltoluene	13.51	119	227284	21.11	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	113820	20.72	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	116915	21.41	ug/l	99
89) n-Butylbenzene	13.83	91	222005	21.15	ug/l	98
90) Hexachloroethane	14.10	117	40477	20.78	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	100558	20.90	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6109	18.69	ug/l	95

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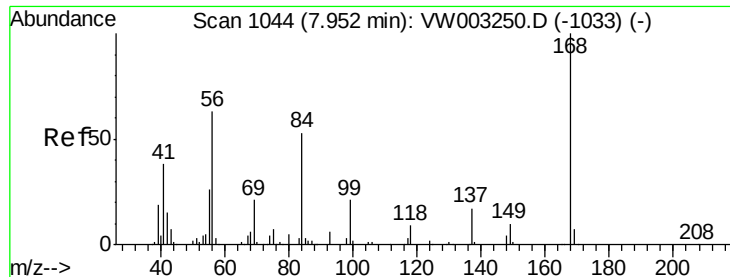
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Quant Title : SW846 8260
QLast Update : Sat Jun 16 05:18:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	68790	20.36	ug/l	100
94) Hexachlorobutadiene	15.25	225	42119	20.73	ug/l	98
95) Naphthalene	15.38	128	105752	18.46	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	58608	19.71	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003605.D

Acq: 27 Jun 2018 11:39

Instrument :

MSVOA_W

ClientSampled :

VW0627SBS02

Tot Ion:168 Resp: 216403

Ion Ratio Lower Upper

168 100

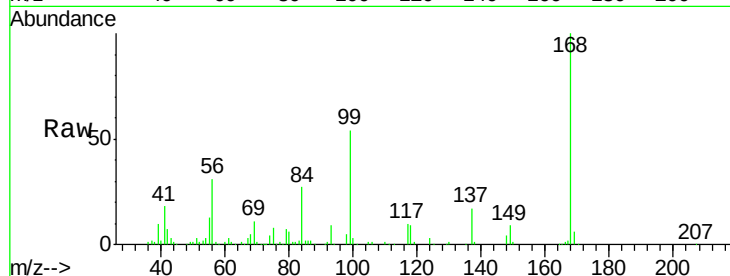
99 54.1 45.5 68.3

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

60000

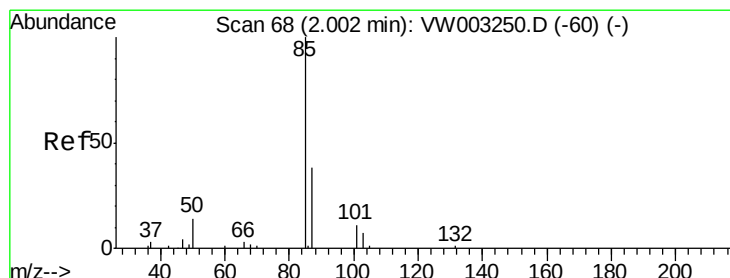
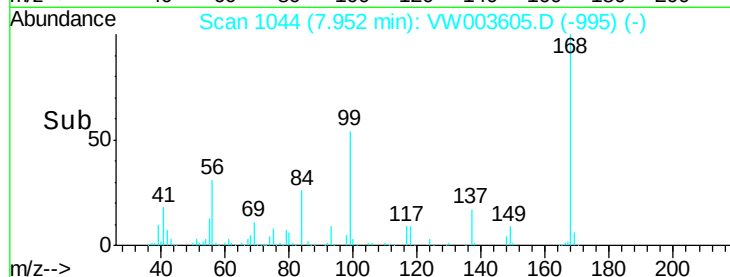
40000

20000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 26.11 ug/l

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW003605.D

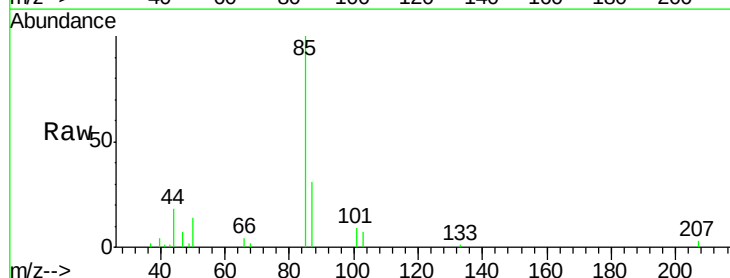
Acq: 27 Jun 2018 11:39

Tgt Ion: 85 Resp: 17083

Ion Ratio Lower Upper

85 100

87 30.5 18.9 56.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

6000

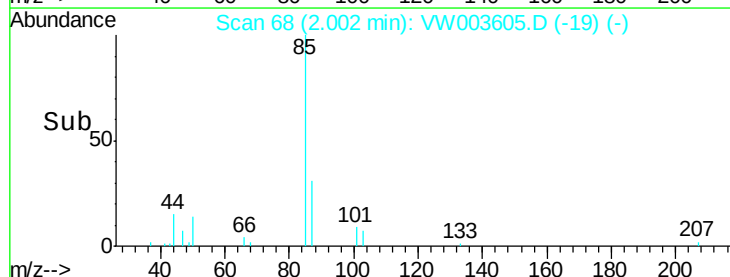
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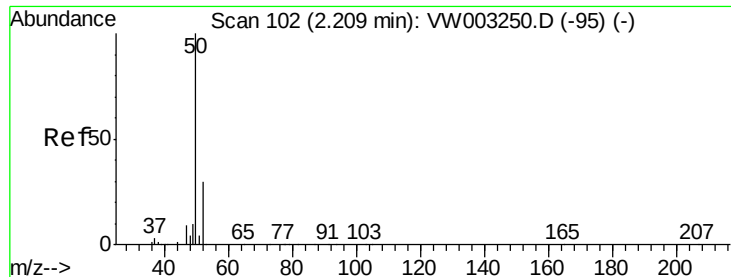
2000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 20.38 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW003605.D

Acq: 27 Jun 2018 11:39

Instrument :

MSVOA_W

ClientSampleId :

VW0627SBS02

Tot Ion: 50 Resp: 33695

Ion Ratio Lower Upper

50 100

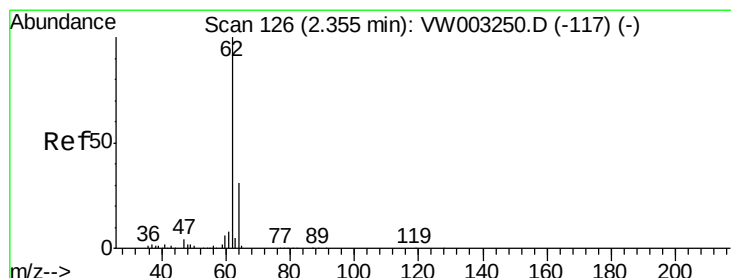
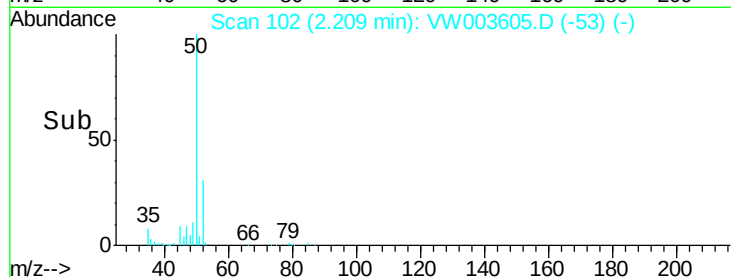
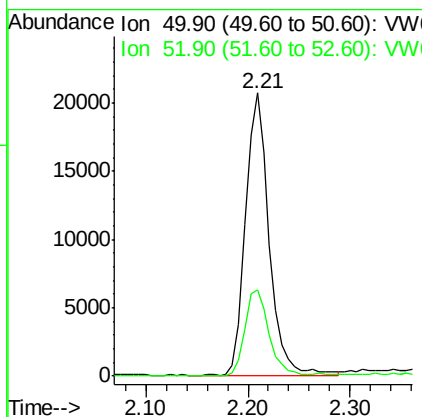
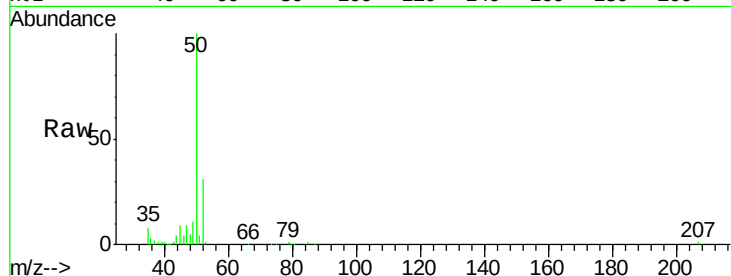
52 30.5 24.2 36.2

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#4

Vinyl Chloride

Concen: 20.21 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW003605.D

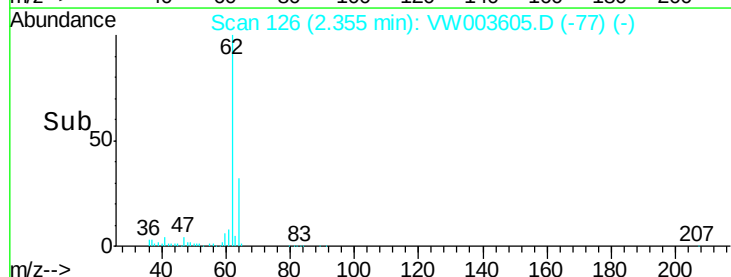
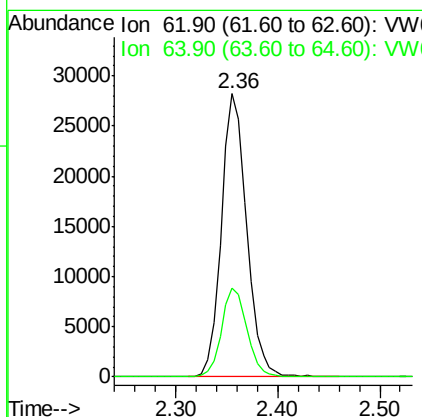
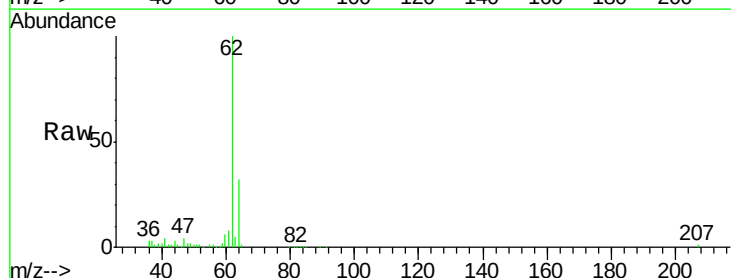
Acq: 27 Jun 2018 11:39

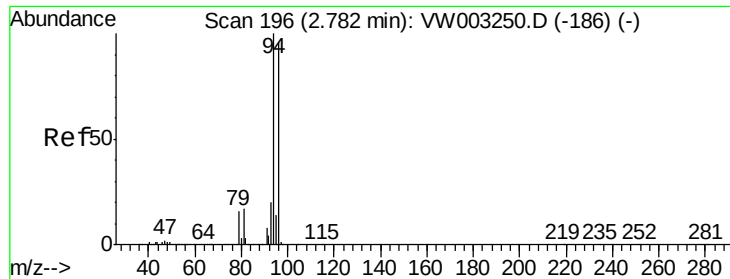
Tgt Ion: 62 Resp: 48699

Ion Ratio Lower Upper

62 100

64 31.6 24.9 37.3





#5

Bromomethane

Concen: 18.26 ug/l

RT: 2.78 min Scan# 195

Delta R.T. -0.01 min

Lab File: VW003605.D

Acq: 27 Jun 2018 11:39

Instrument :

MSVOA_W

ClientSampleId :

VW0627SBS02

Tot Ion: 94 Resp: 29243

Ion Ratio Lower Upper

94 100

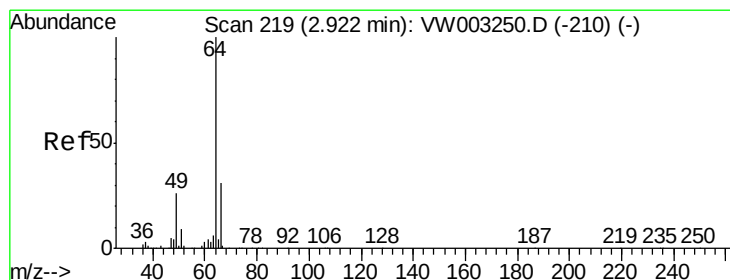
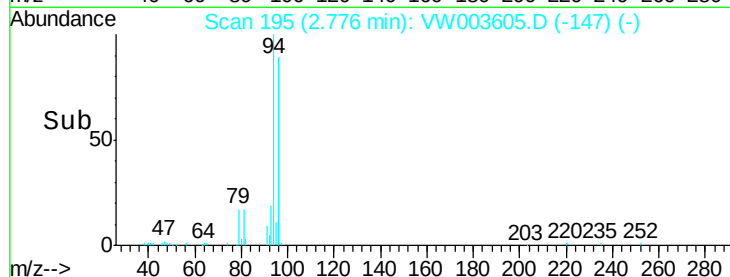
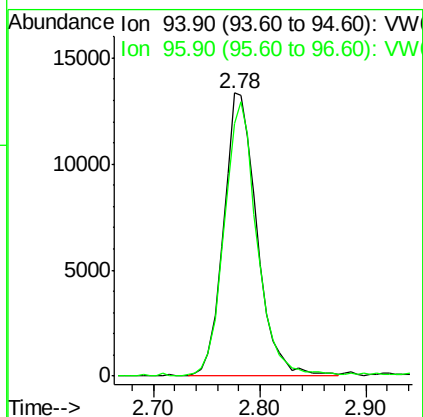
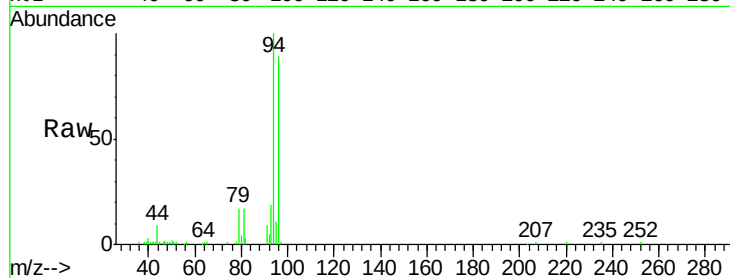
96 88.6 76.5 114.7

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#6

Chloroethane

Concen: 19.47 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.00 min

Lab File: VW003605.D

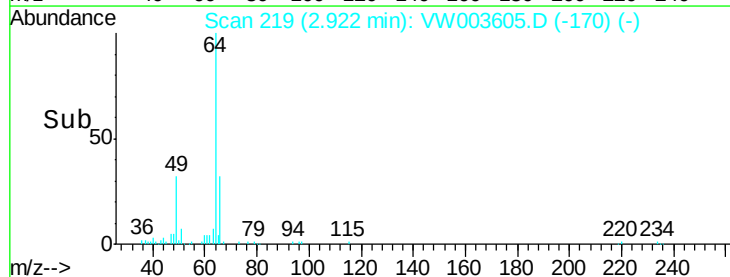
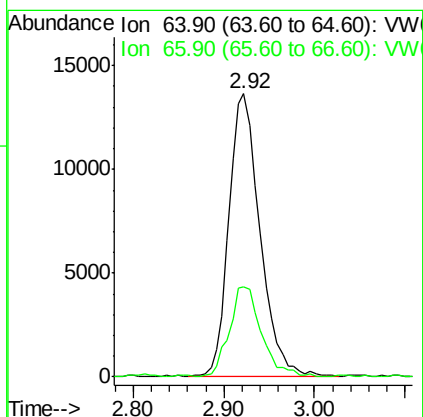
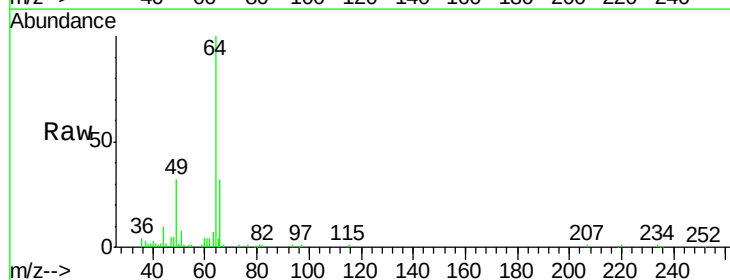
Acq: 27 Jun 2018 11:39

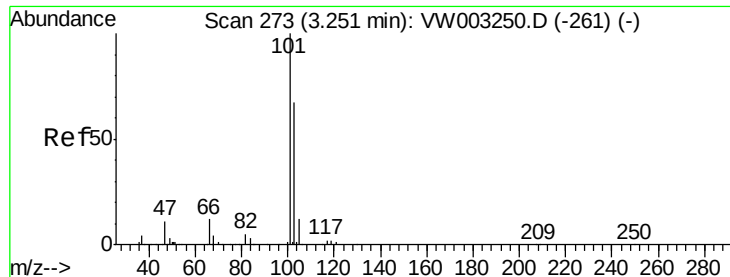
Tgt Ion: 64 Resp: 32664

Ion Ratio Lower Upper

64 100

66 31.4 24.4 36.6





#7

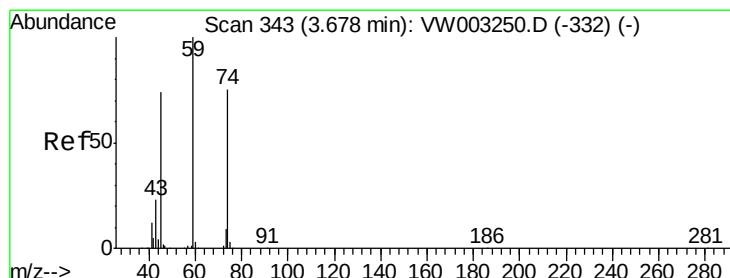
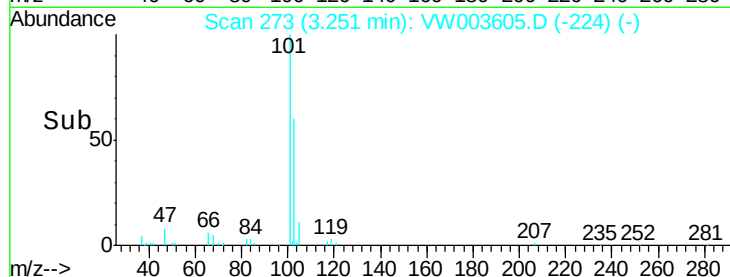
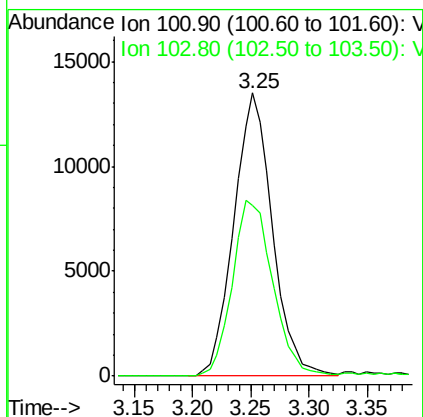
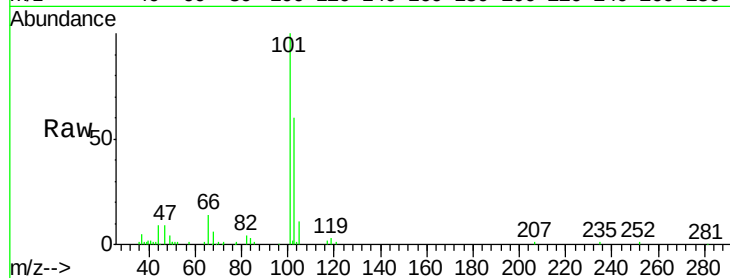
Trichlorofluoromethane
 Concen: 21.56 ug/l
 RT: 3.25 min Scan# 273
 Delta R.T. 0.00 min
 Lab File: VW003605.D
 Acq: 27 Jun 2018 11:39

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 ClientSampleId :
 VW0627SBS02

Tot Ion	Ratio	Lower	Upper
101	100		
103	60.3	53.4	80.0

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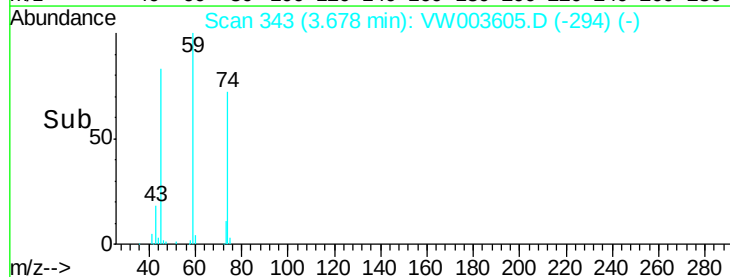
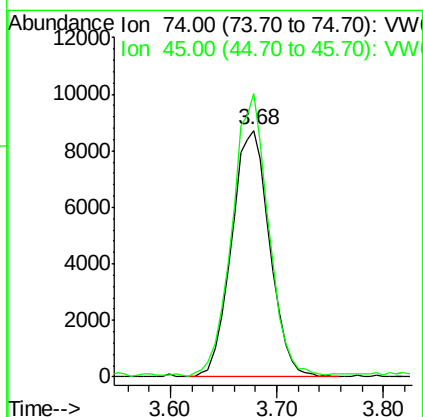
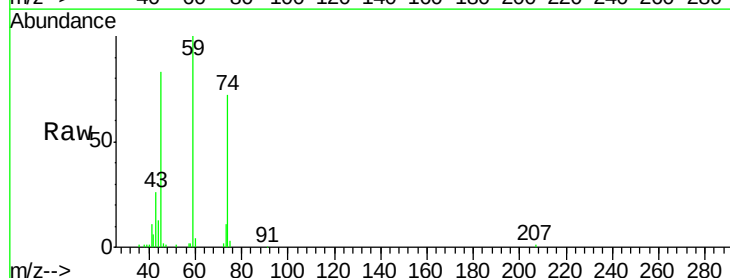
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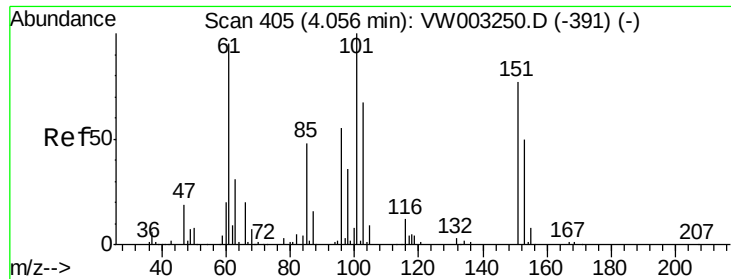


#8

Diethyl Ether
 Concen: 20.63 ug/l
 RT: 3.68 min Scan# 343
 Delta R.T. 0.00 min
 Lab File: VW003605.D
 Acq: 27 Jun 2018 11:39

Tgt Ion	Ratio	Lower	Upper
74	100		
45	110.1	51.4	154.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.60 ug/l

RT: 4.06 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW003605.D

Acq: 27 Jun 2018 11:39

Instrument :

MSVOA_W

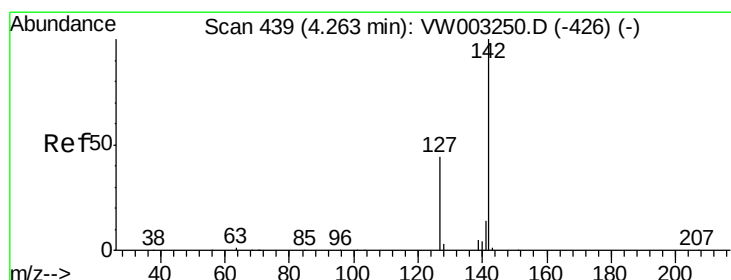
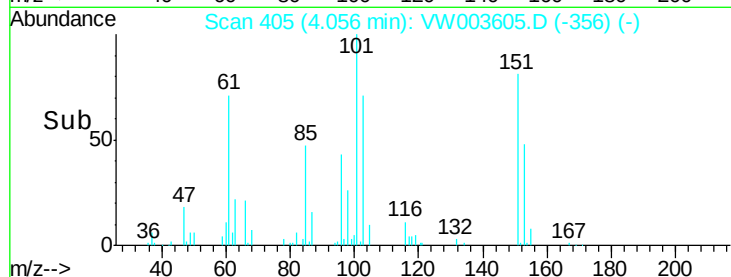
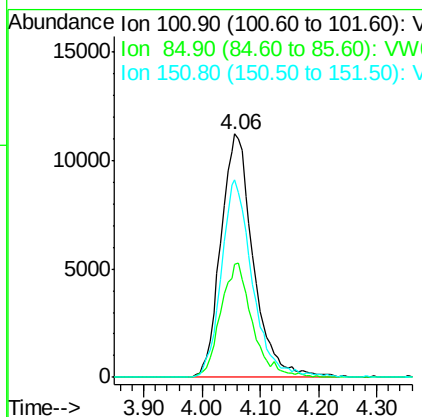
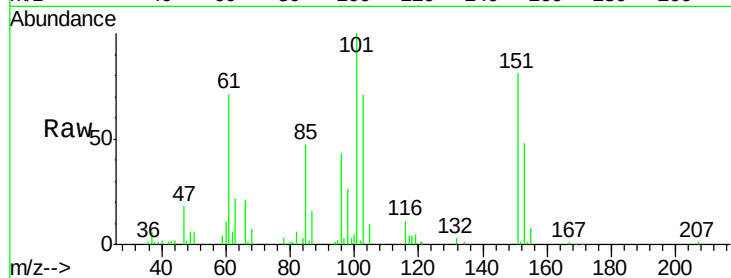
ClientSampled :

VW0627SBS02

Tot Ion:	101	Resp:	43300
Ion Ratio	Lower	Upper	
101	100		
85	45.8	37.0	55.6
151	76.9	63.3	94.9

Manual Integrations
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#10

Methyl Iodide

Concen: 20.56 ug/l

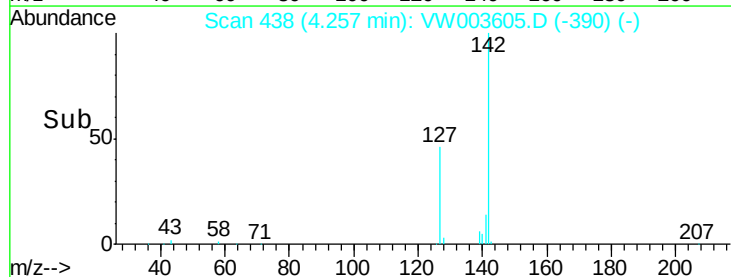
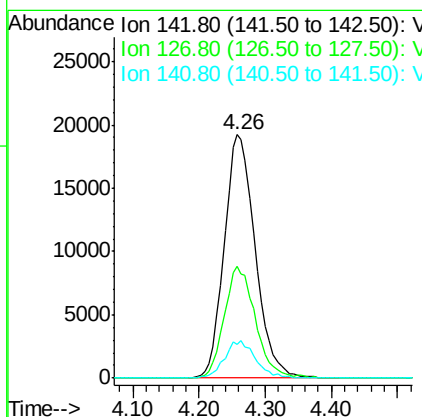
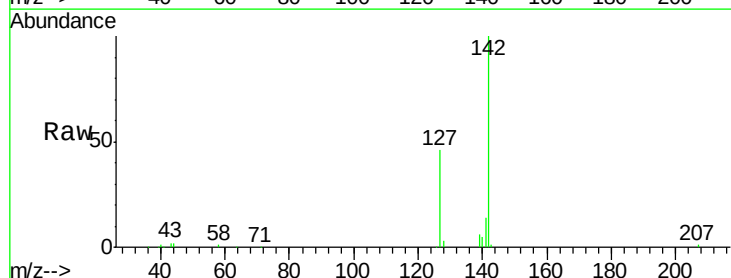
RT: 4.26 min Scan# 438

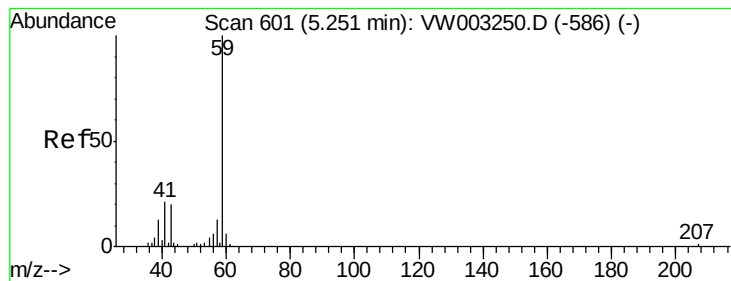
Delta R.T. -0.01 min

Lab File: VW003605.D

Acq: 27 Jun 2018 11:39

Tgt Ion:	142	Resp:	62340
Ion Ratio	Lower	Upper	
142	100		
127	46.0	36.5	54.7
141	15.2	12.1	18.1





#11

Tert butyl alcohol

Concen: 91.73 ug/l m

RT: 5.24 min Scan# 599

Delta R.T. -0.01 min

Lab File: VW003605.D

Acq: 27 Jun 2018 11:39

Instrument :

MSVOA_W

ClientSampled :

VW0627SBS02

Tot Ion: 59 Resp: 11531

Ion Ratio Lower Upper

59 100

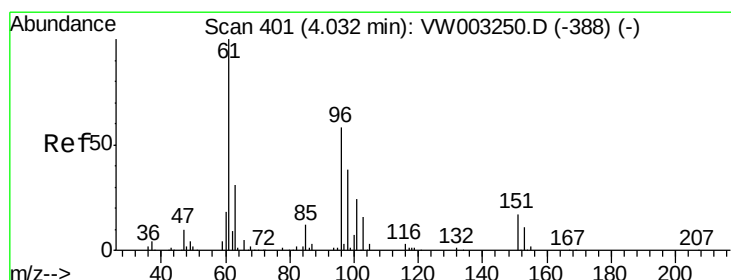
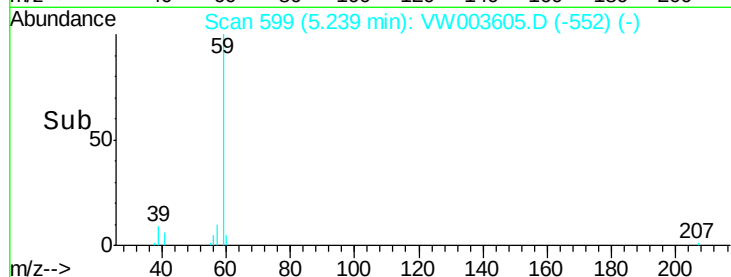
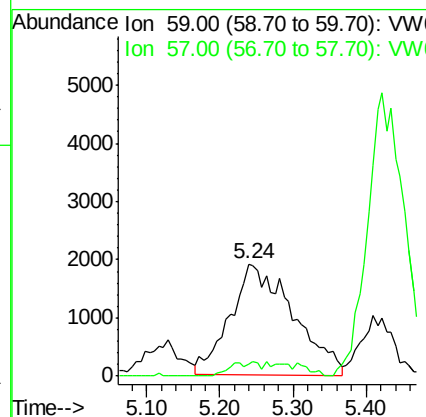
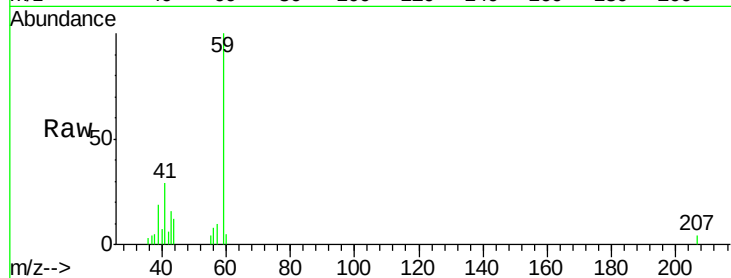
57 0.0 4.2 6.2#

Manual Integrations

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#12

1,1-Dichloroethene

Concen: 20.53 ug/l

RT: 4.02 min Scan# 399

Delta R.T. -0.01 min

Lab File: VW003605.D

Acq: 27 Jun 2018 11:39

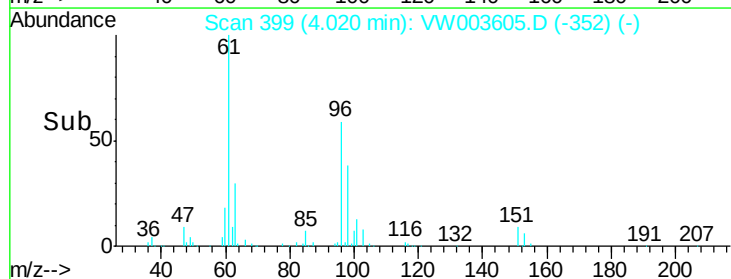
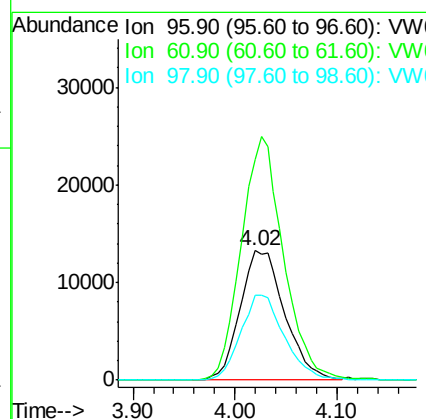
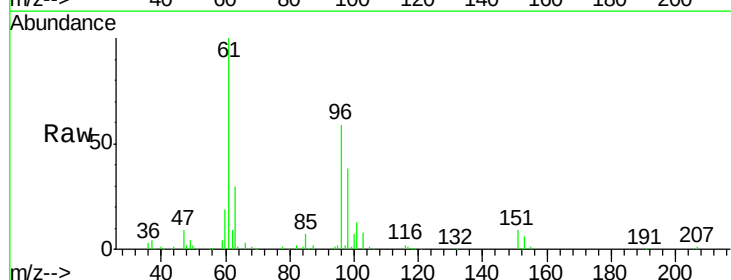
Tgt Ion: 96 Resp: 40209

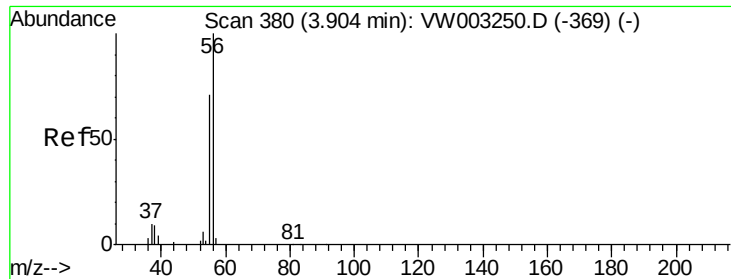
Ion Ratio Lower Upper

96 100

61 170.6 139.0 208.4

98 65.4 53.3 79.9





#13

Acrolein

Concen: 67.04 ug/l

RT: 3.89 min Scan# 378

Delta R.T. -0.01 min

Lab File: VW003605.D

Acq: 27 Jun 2018 11:39

Instrument :

MSVOA_W

ClientSampleId :

VW0627SBS02

Tot Ion: 56 Resp: 12049

Ion Ratio Lower Upper

56 100

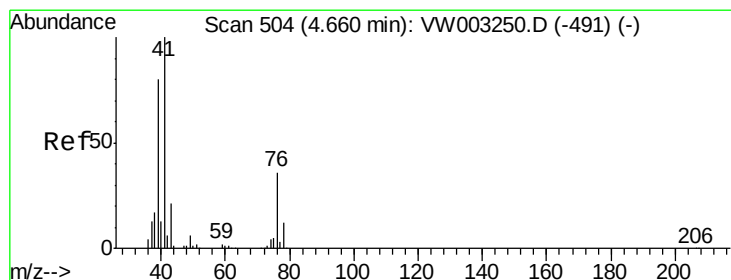
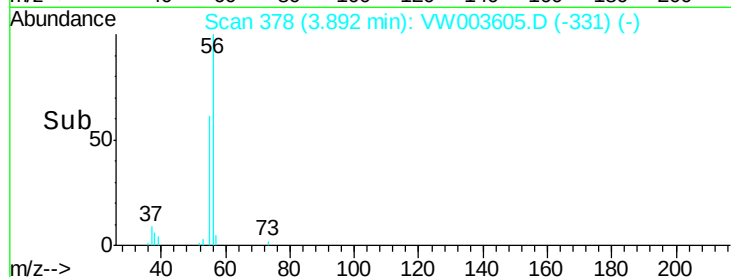
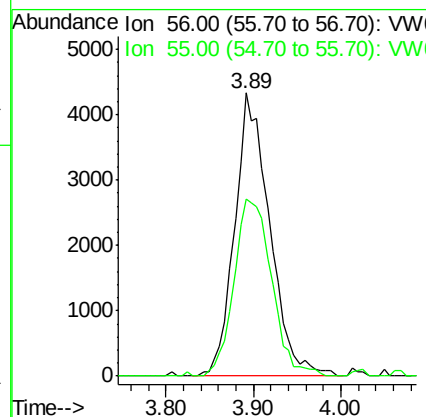
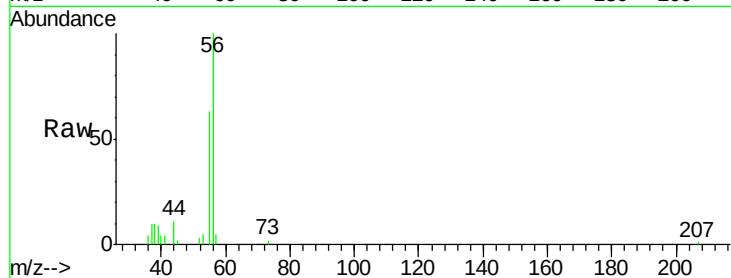
55 67.2 55.4 83.2

Manual Integrations

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#14

Allyl chloride

Concen: 20.57 ug/l

RT: 4.66 min Scan# 504

Delta R.T. 0.00 min

Lab File: VW003605.D

Acq: 27 Jun 2018 11:39

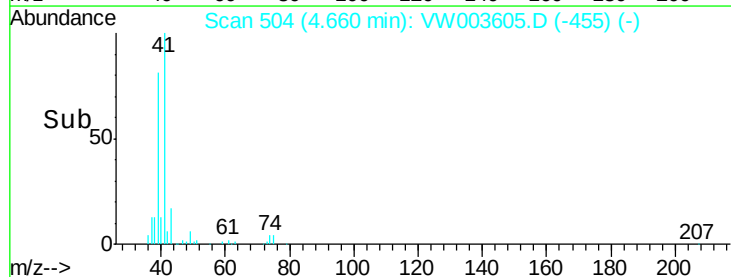
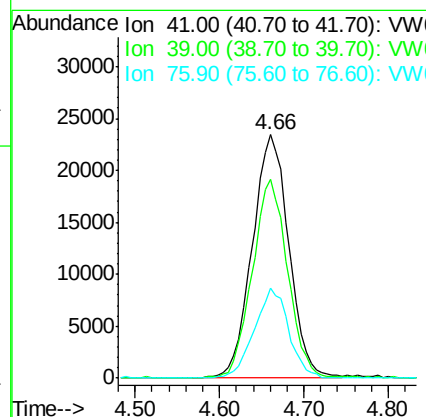
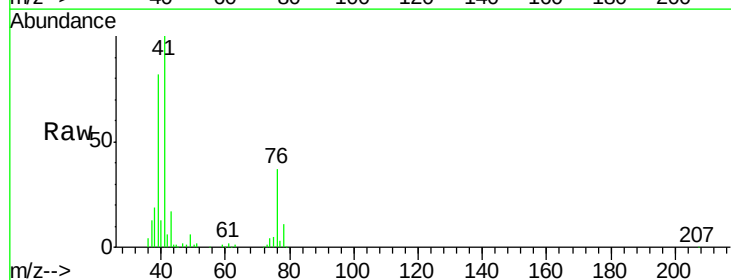
Tgt Ion: 41 Resp: 69789

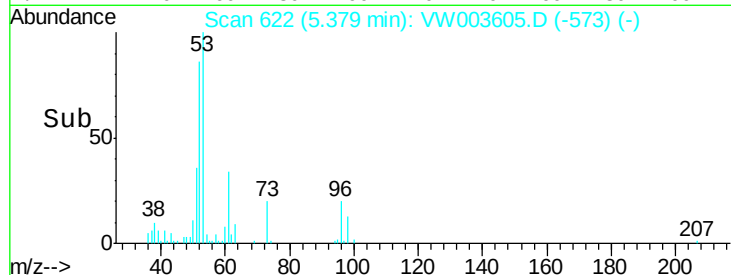
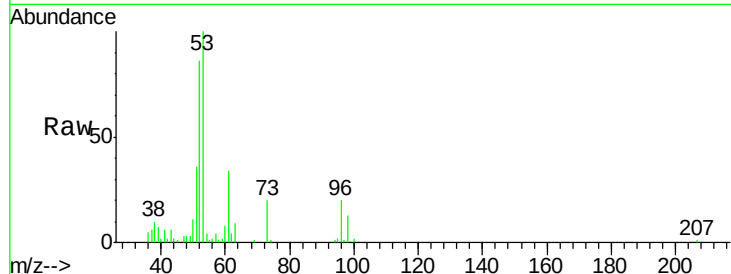
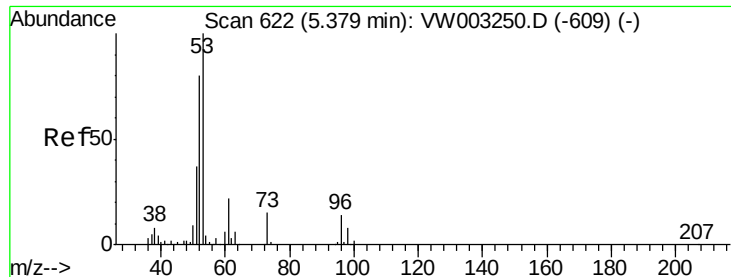
Ion Ratio Lower Upper

41 100

39 78.8 63.2 94.8

76 34.6 28.0 42.0





#15

Acrylonitrile

Concen: 97.02 ug/l

RT: 5.38 min Scan# 622

Delta R.T. 0.00 min

Lab File: VW003605.D

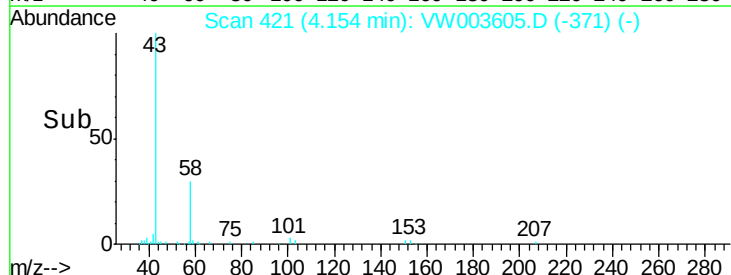
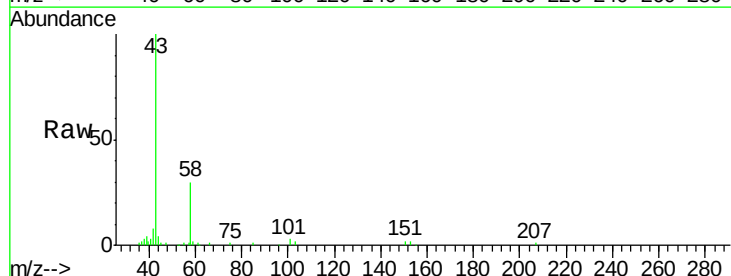
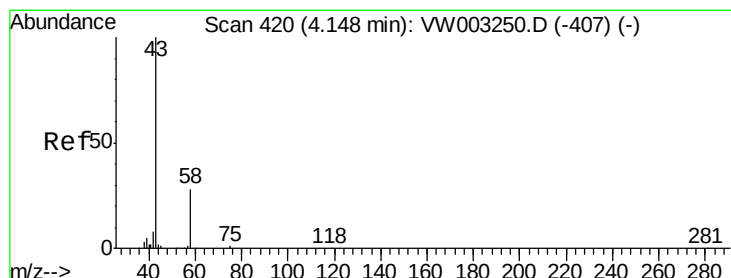
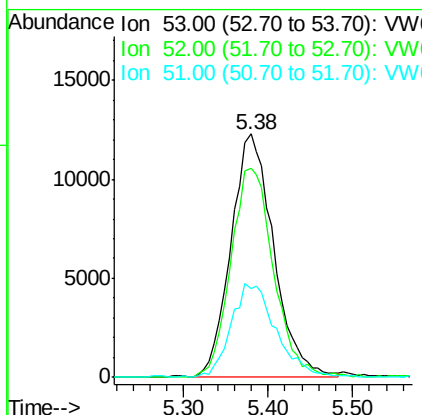
Acq: 27 Jun 2018 11:39

Tot Ion:	53	Resp:	42333
Ion Ratio	Lower	Upper	
53	100		
52	85.5	66.6	100.0
51	40.5	30.6	46.0

Instrument :
MSVOA_W
ClientSampleId :
VW0627SBS02

Manual Integrations
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#16

Acetone

Concen: 102.96 ug/l

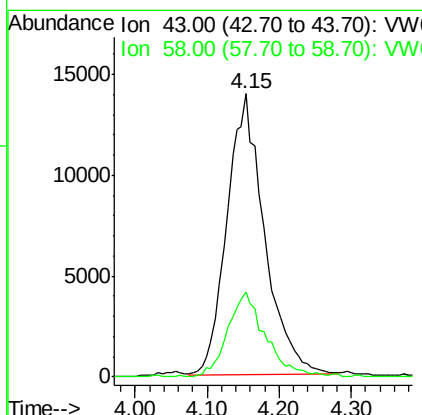
RT: 4.15 min Scan# 421

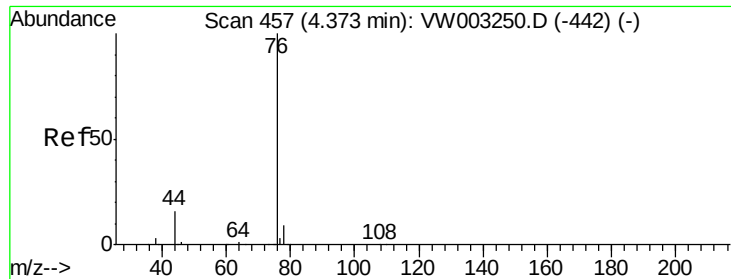
Delta R.T. 0.01 min

Lab File: VW003605.D

Acq: 27 Jun 2018 11:39

Tgt Ion:	43	Resp:	50617
Ion Ratio	Lower	Upper	
43	100		
58	30.1	22.6	34.0





#17

Carbon Disulfide

Concen: 20.69 ug/l

RT: 4.37 min Scan# 456

Delta R.T. -0.01 min

Lab File: VW003605.D

Acq: 27 Jun 2018 11:39

Instrument :

MSVOA_W

ClientSampleId :

VW0627SBS02

Tot Ion: 76 Resp: 119816

Ion Ratio Lower Upper

76 100

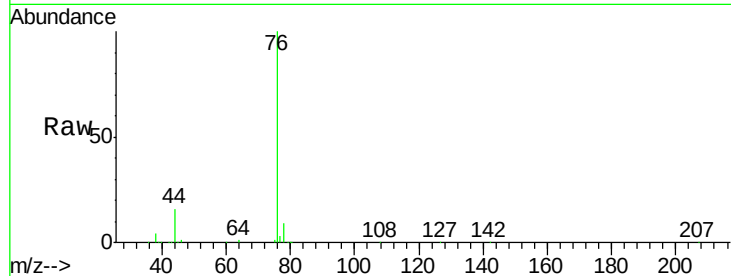
78 9.3 7.1 10.7

Manual Integrations

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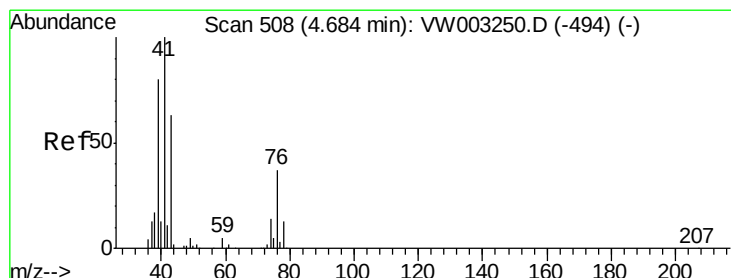
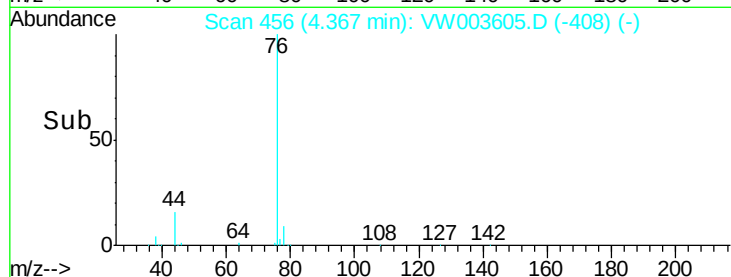
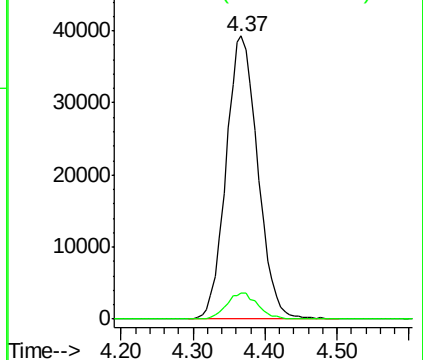
apatel

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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 18.64 ug/l

RT: 4.68 min Scan# 507

Delta R.T. -0.01 min

Lab File: VW003605.D

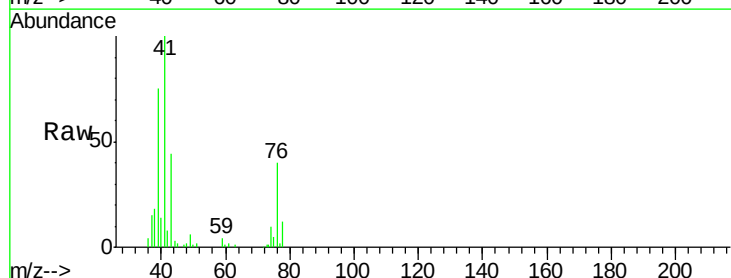
Acq: 27 Jun 2018 11:39

Tgt Ion: 43 Resp: 21742

Ion Ratio Lower Upper

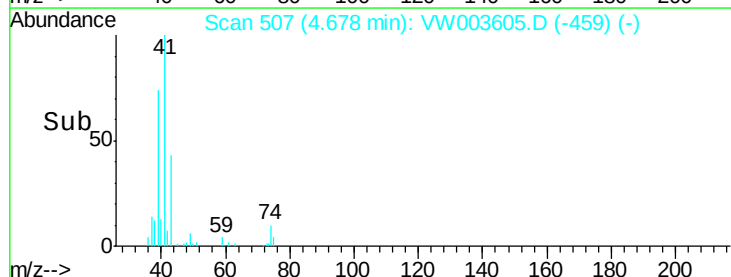
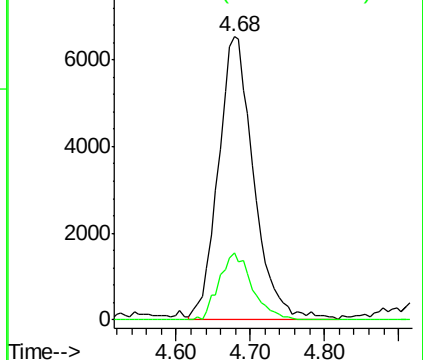
43 100

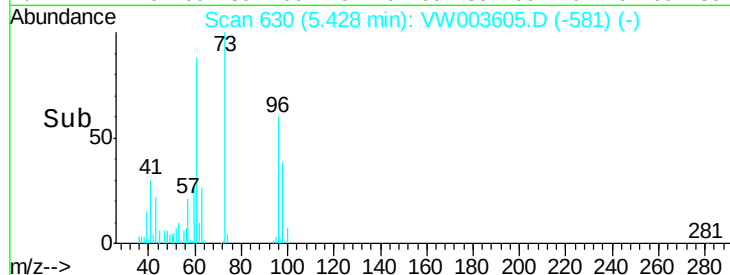
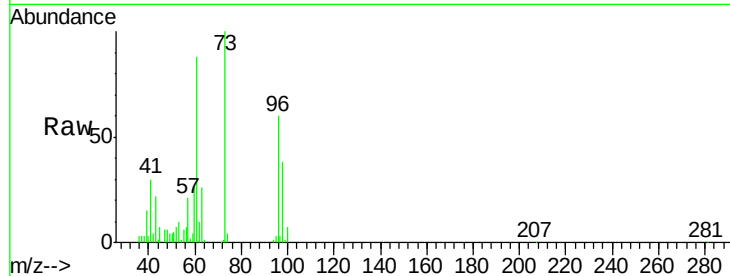
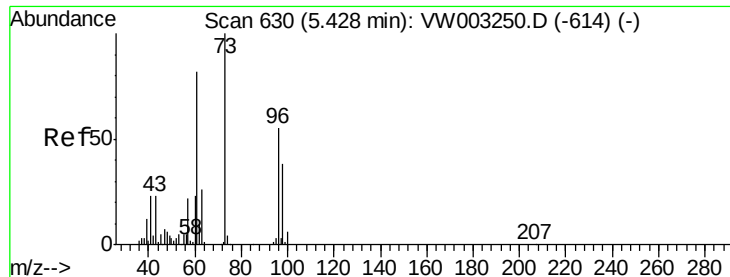
74 22.0 18.7 28.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW





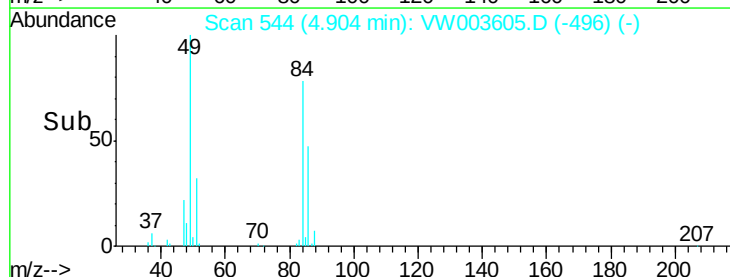
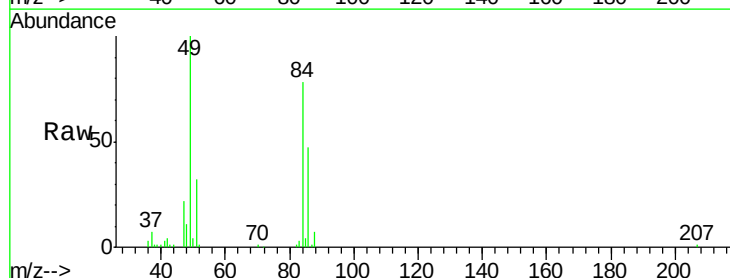
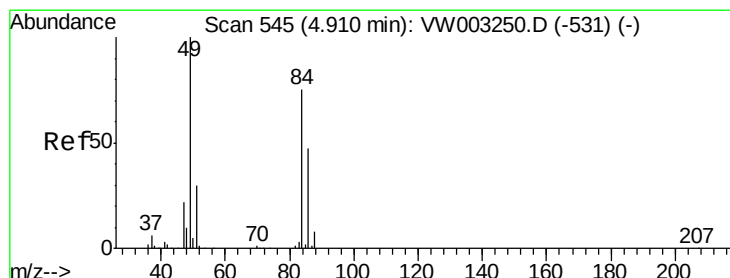
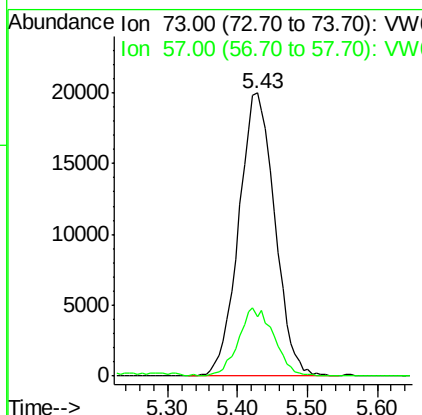
#19
Methyl tert-butyl Ether
Concen: 19.49 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.00 min
Lab File: VW003605.D
Acq: 27 Jun 2018 11:39

Tot Ion: 73 Resp: 71519
Ion Ratio Lower Upper
73 100
57 21.0 18.0 27.0

Instrument :
MSVOA_W
ClientSampleId :
VW0627SBS02

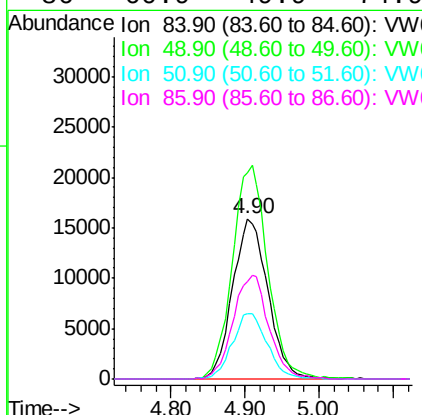
Manual Integrations
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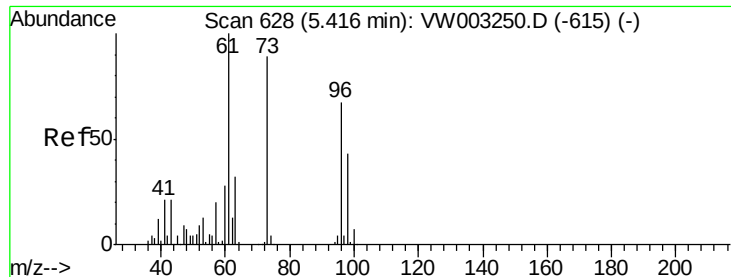
apatel
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#20
Methylene Chloride
Concen: 23.46 ug/l
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW003605.D
Acq: 27 Jun 2018 11:39

Tgt Ion: 84 Resp: 53059
Ion Ratio Lower Upper
84 100
49 128.7 106.3 159.5
51 40.6 32.0 48.0
86 60.9 49.9 74.9





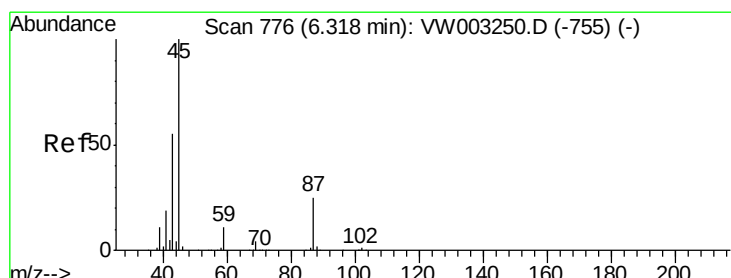
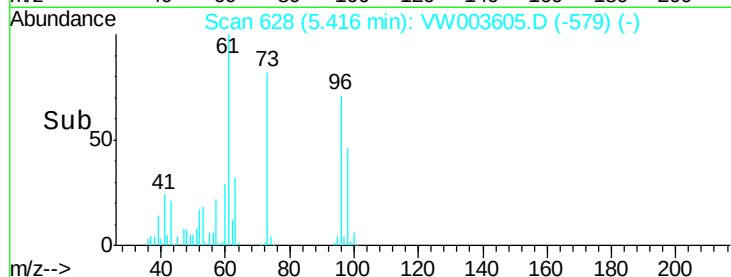
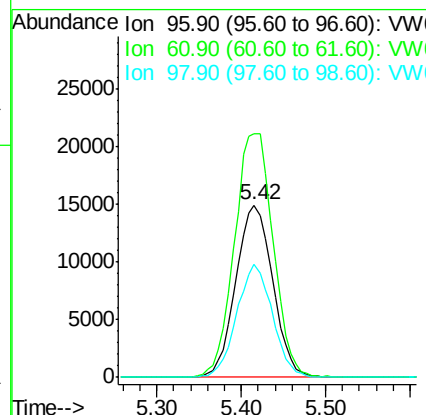
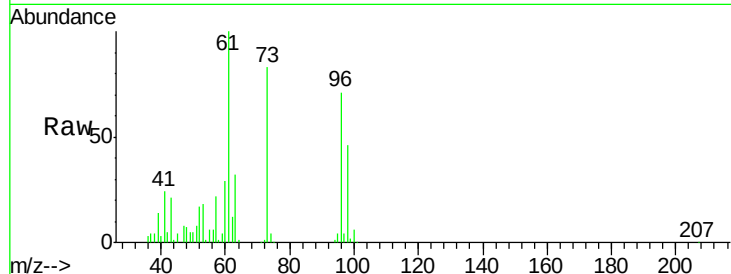
#21
trans-1,2-Dichloroethene
Concen: 20.78 ug/l
RT: 5.42 min Scan# 628
Delta R.T. 0.00 min
Lab File: VW003605.D
Acq: 27 Jun 2018 11:39

Instrument :
MSVOA_W
ClientSampled :
VW0627SBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	141.6	118.7	178.1
98	65.8	51.0	76.6

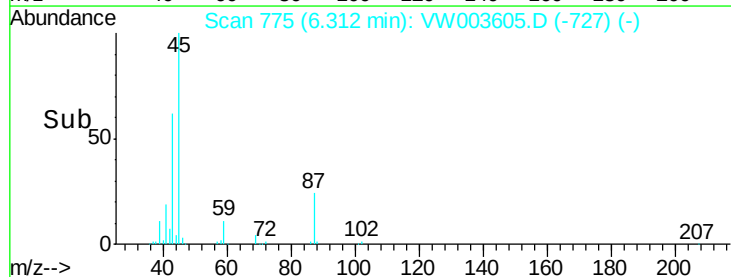
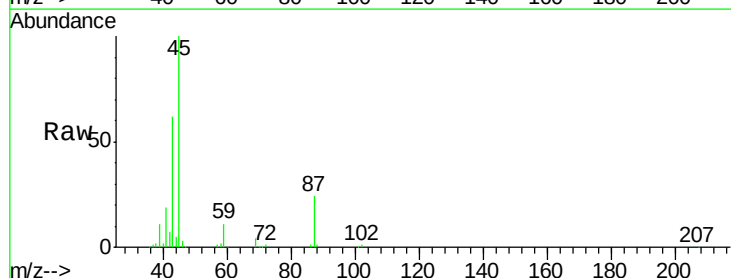
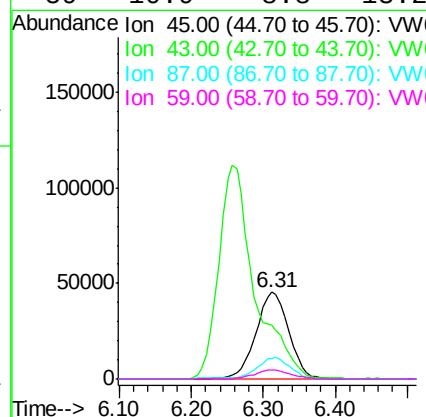
Manual Integrations
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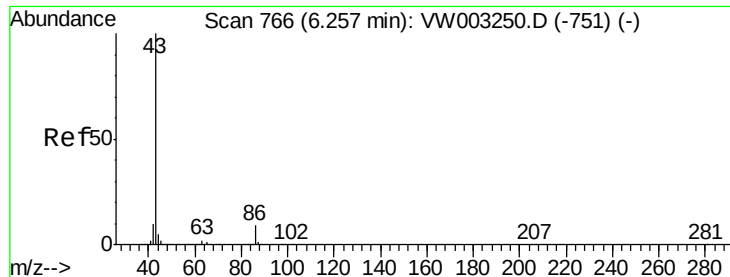
apatel
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#22
Diisopropyl ether
Concen: 21.24 ug/l
RT: 6.31 min Scan# 775
Delta R.T. -0.01 min
Lab File: VW003605.D
Acq: 27 Jun 2018 11:39

Tgt Ion	Ratio	Lower	Upper
45	100		
43	61.4	44.0	66.0
87	23.7	20.6	31.0
59	10.9	8.8	13.2





#23

Vinyl Acetate

Concen: 98.93 ug/l

RT: 6.26 min Scan# 766

Delta R.T. 0.00 min

Lab File: VW003605.D

Acq: 27 Jun 2018 11:39

Tot Ion: 43 Resp: 389355

Ion Ratio Lower Upper

43 100

86 9.5 7.5 11.3

Instrument :

MSVOA_W

ClientSampleId :

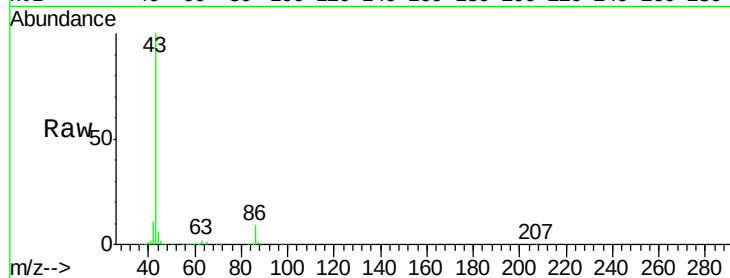
VW0627SBS02

Manual Integrations

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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

120000

100000

80000

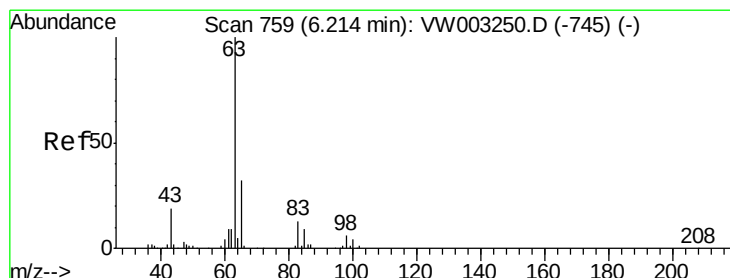
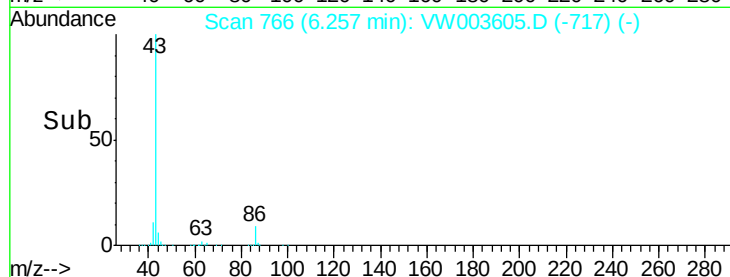
60000

40000

20000

0

Time-->



#24

1,1-Dichloroethane

Concen: 21.45 ug/l

RT: 6.21 min Scan# 759

Delta R.T. 0.00 min

Lab File: VW003605.D

Acq: 27 Jun 2018 11:39

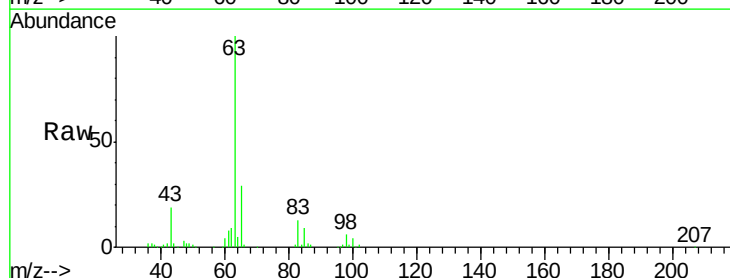
Tgt Ion: 63 Resp: 86949

Ion Ratio Lower Upper

63 100

98 5.7 2.8 8.3

100 4.2 2.1 6.5



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

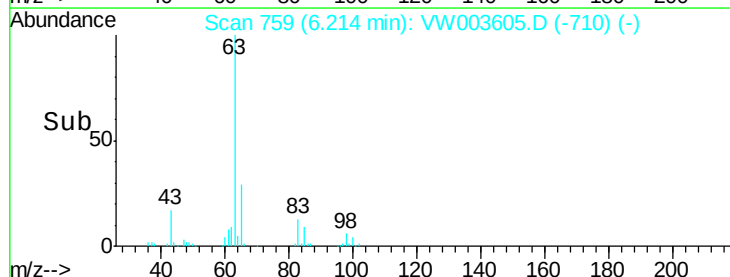
30000

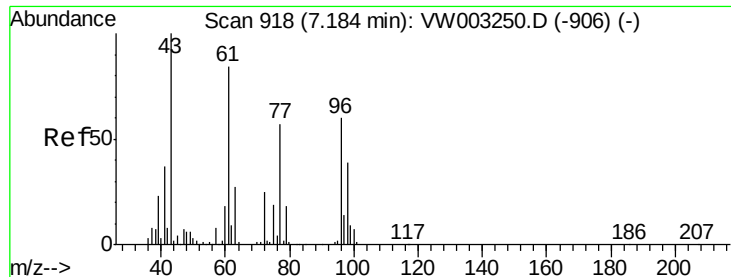
20000

10000

0

Time-->





#25

2-Butanone

Concen: 101.61 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.00 min

Lab File: VW003605.D

Acq: 27 Jun 2018 11:39

Instrument :

MSVOA_W

ClientSampleId :

VW0627SBS02

Tot Ion: 43 Resp: 62112

Ion Ratio Lower Upper

43 100

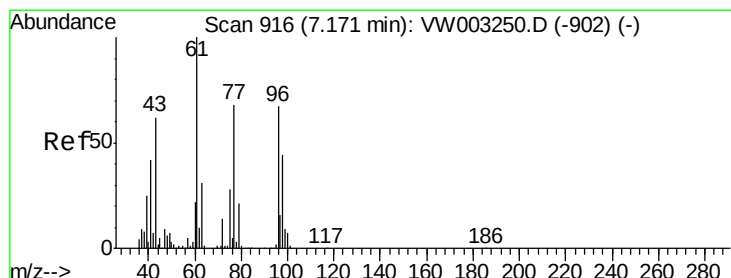
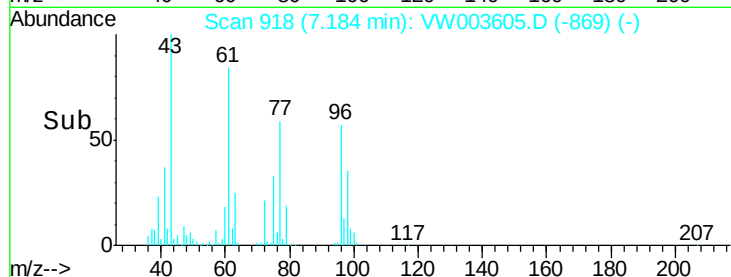
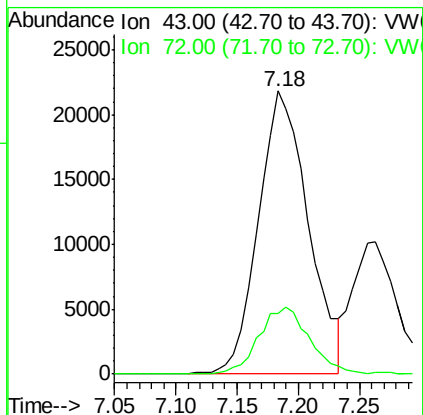
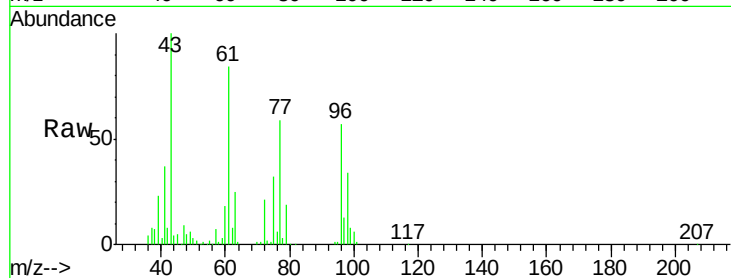
72 21.4 20.3 30.5

Manual Integrations

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apatel

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#26

2,2-Dichloropropane

Concen: 20.87 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.01 min

Lab File: VW003605.D

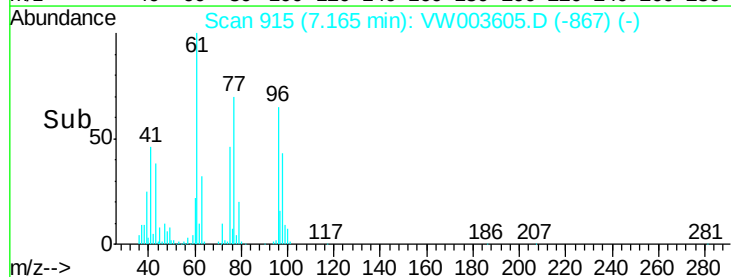
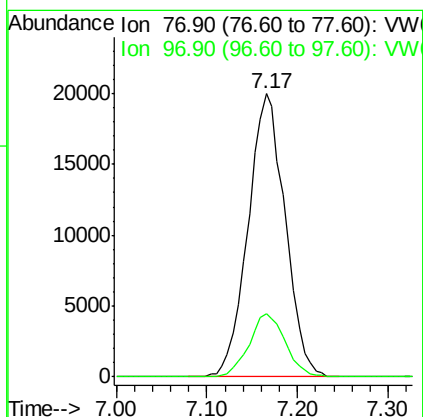
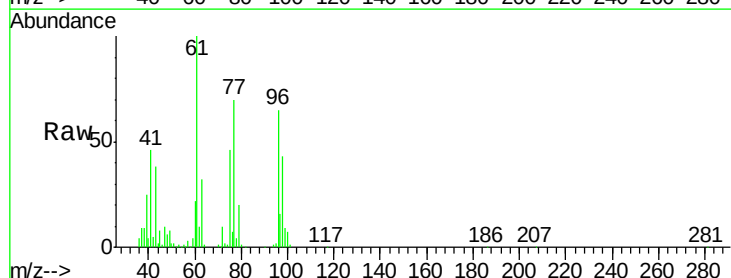
Acq: 27 Jun 2018 11:39

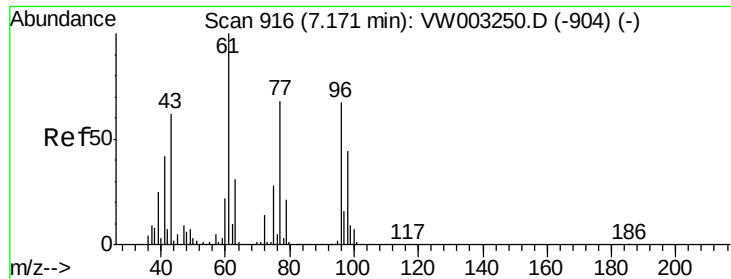
Tgt Ion: 77 Resp: 56466

Ion Ratio Lower Upper

77 100

97 21.7 11.3 33.9





#27

cis-1,2-Dichloroethene

Concen: 20.41 ug/l

RT: 7.17 min Scan# 916

Delta R.T. 0.00 min

Lab File: VW003605.D

Acq: 27 Jun 2018 11:39

Instrument :

MSVOA_W

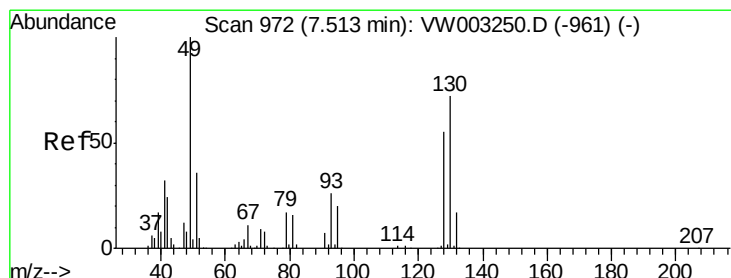
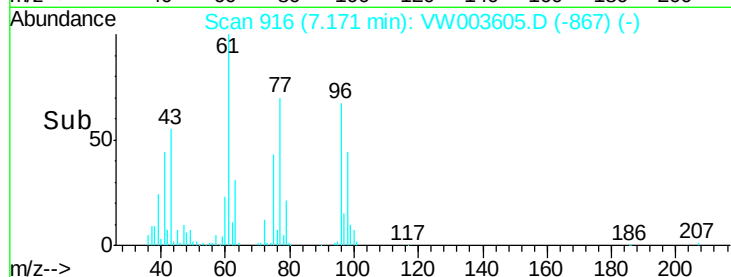
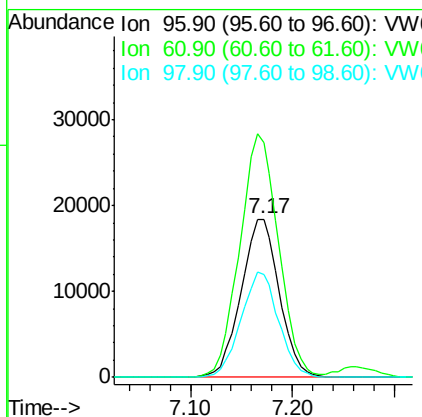
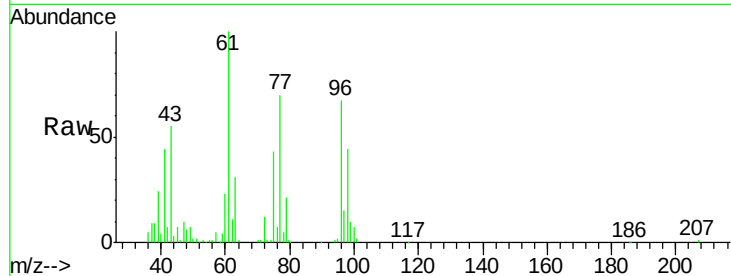
ClientSampleId :

VW0627SBS02

Tot Ion:	96	Resp:	47800
Ion	Ratio	Lower	Upper
96	100		
61	156.4	0.0	298.8
98	65.9	0.0	130.4

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#28

Bromochloromethane

Concen: 19.02 ug/l

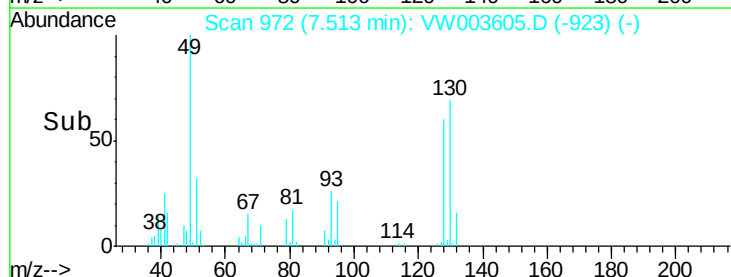
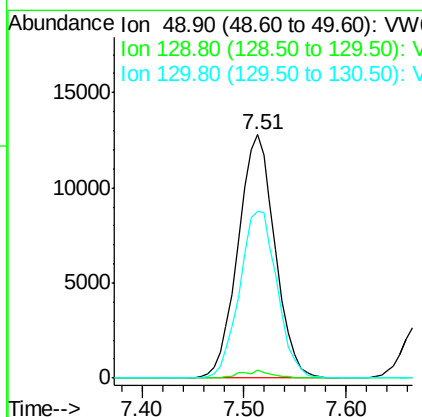
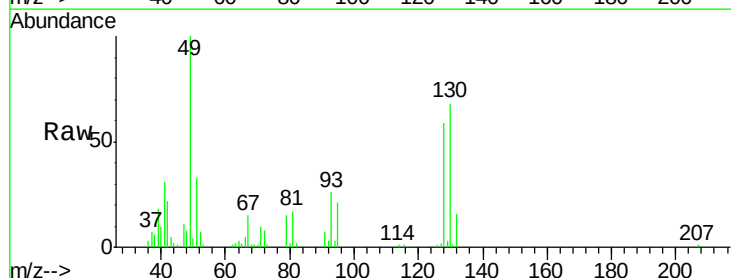
RT: 7.51 min Scan# 972

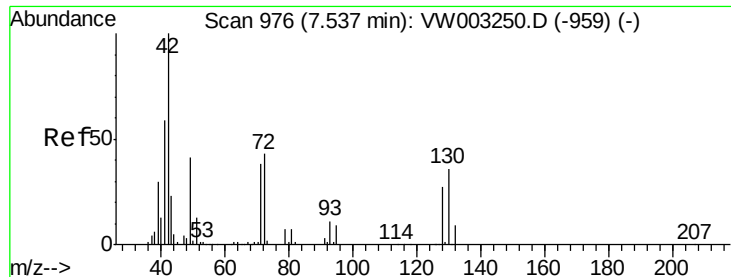
Delta R.T. 0.00 min

Lab File: VW003605.D

Acq: 27 Jun 2018 11:39

Tgt Ion:	49	Resp:	32081
Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	4.6
130	69.6	59.4	89.2





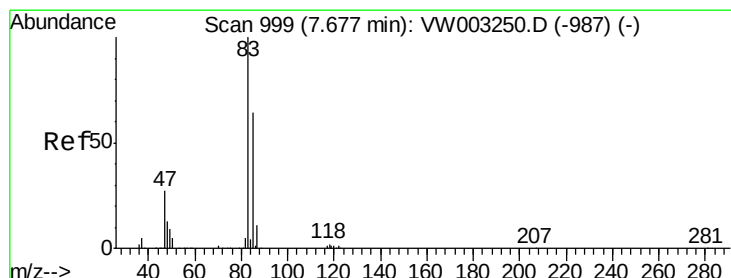
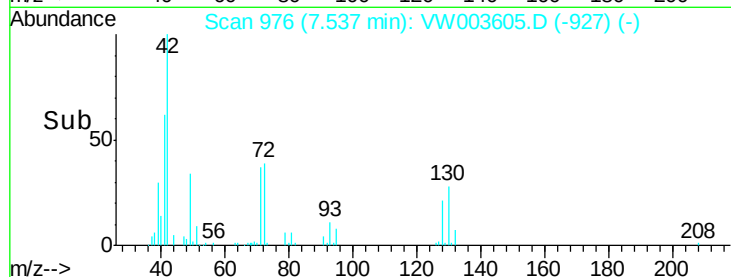
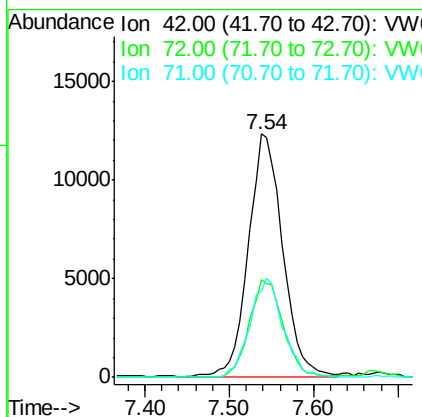
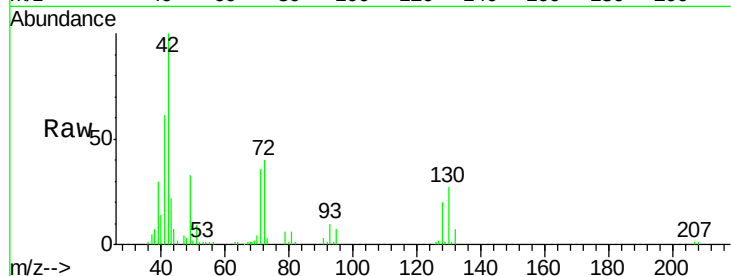
#29
Tetrahydrofuran
Concen: 91.96 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.00 min
Lab File: VW003605.D
Acq: 27 Jun 2018 11:39

Instrument :
MSVOA_W
ClientSampleId :
VW0627SBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.5	32.4	48.6
71	39.0	31.2	46.8

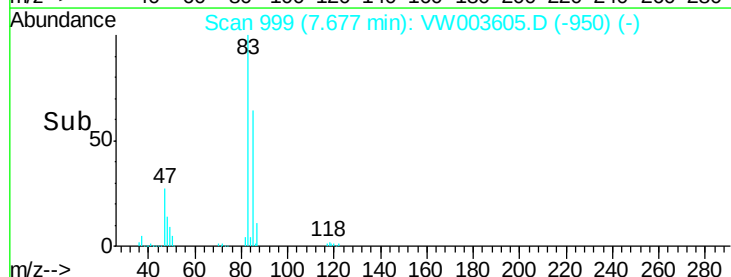
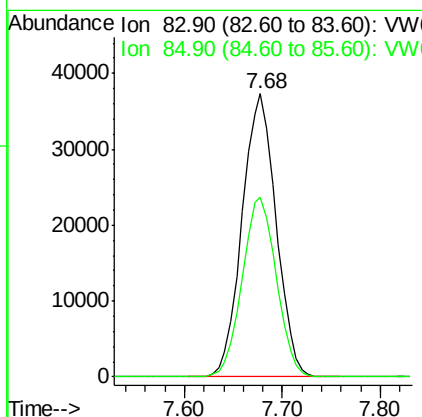
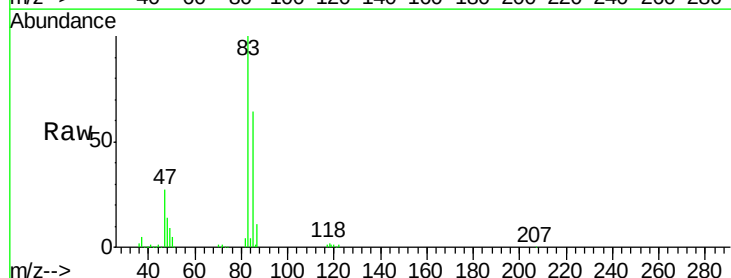
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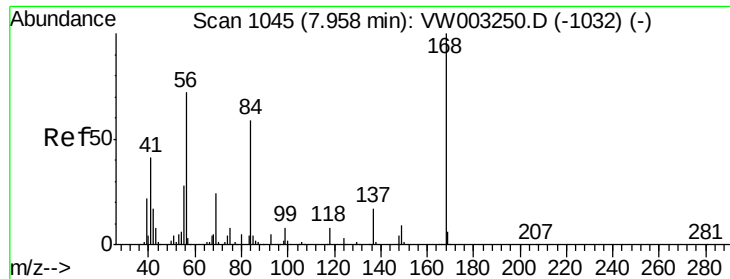
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#30
Chloroform
Concen: 21.74 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW003605.D
Acq: 27 Jun 2018 11:39

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.7	51.3	76.9





#31

Cyclohexane

Concen: 20.47 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.01 min

Lab File: VW003605.D

Acq: 27 Jun 2018 11:39

Instrument :

MSVOA_W

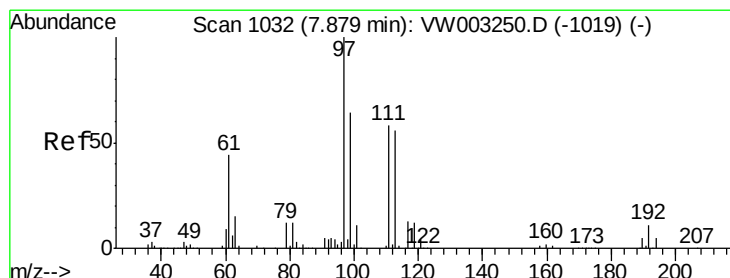
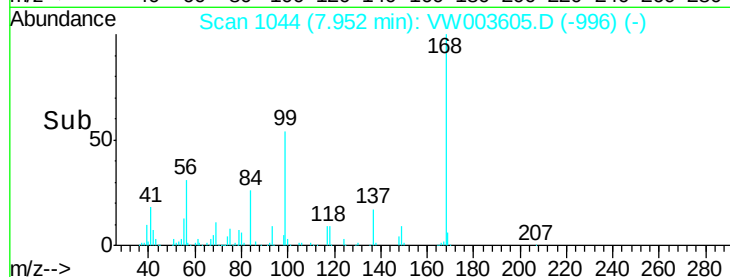
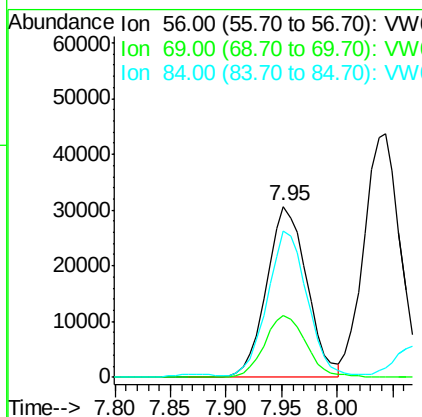
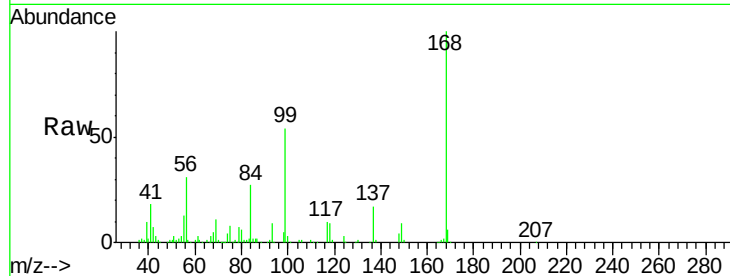
ClientSampleId :

VW0627SBS02

Tot Ion:	56	Resp:	77540
Ion	Ratio	Lower	Upper
56	100		
69	36.0	26.3	39.5
84	84.0	65.7	98.5

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#32

1,1,1-Trichloroethane

Concen: 21.10 ug/l

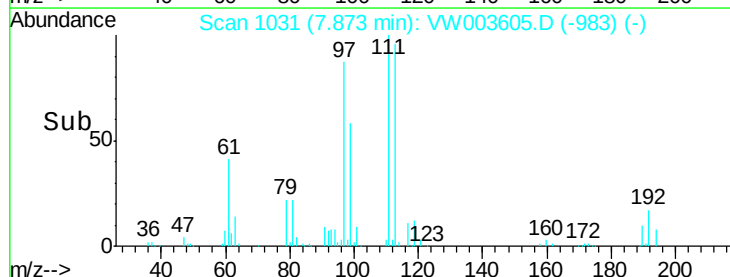
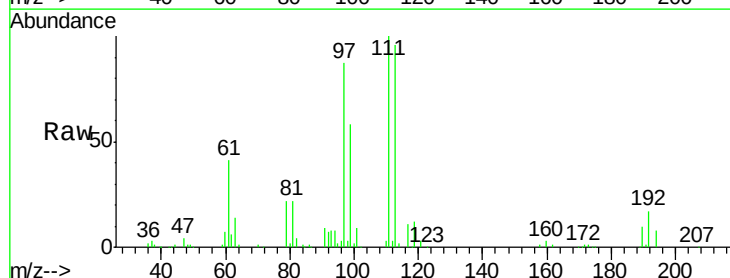
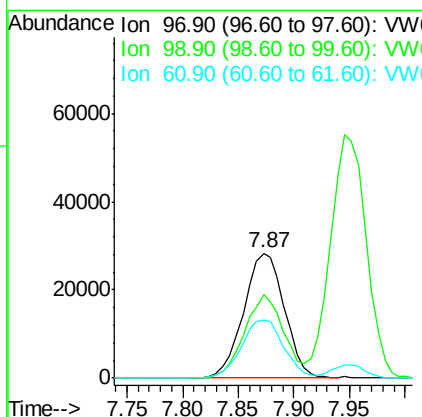
RT: 7.87 min Scan# 1031

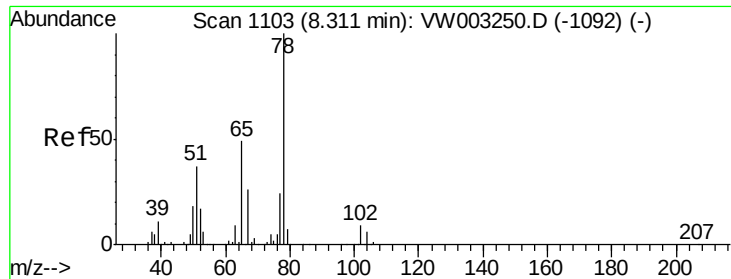
Delta R.T. -0.01 min

Lab File: VW003605.D

Acq: 27 Jun 2018 11:39

Tgt Ion:	97	Resp:	71937
Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.7	77.5
61	48.2	37.6	56.4





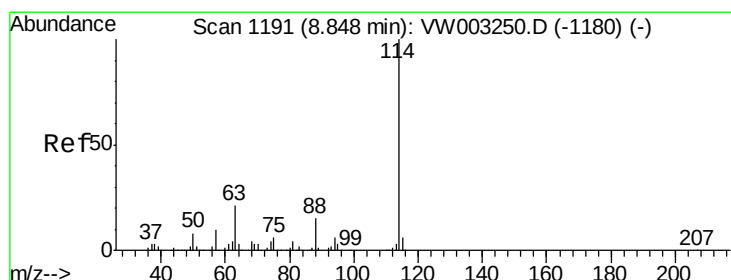
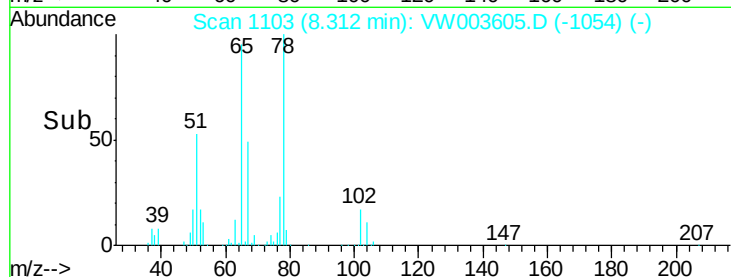
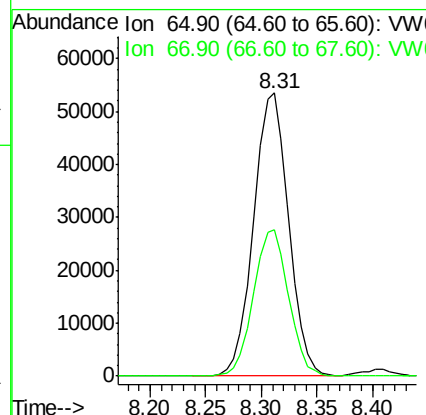
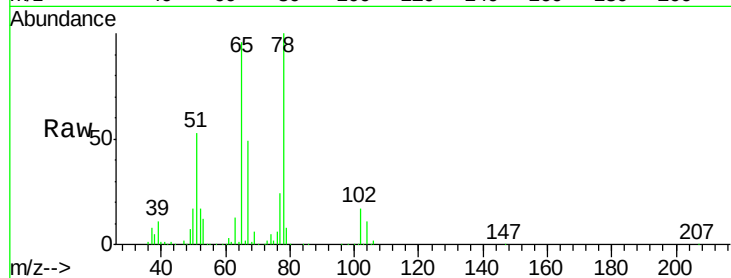
#33
 1,2-Dichloroethane-d4
 Concen: 50.10 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW003605.D
 Acq: 27 Jun 2018 11:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0627SBS02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	117433		
67	51.9	0.0	104.2	

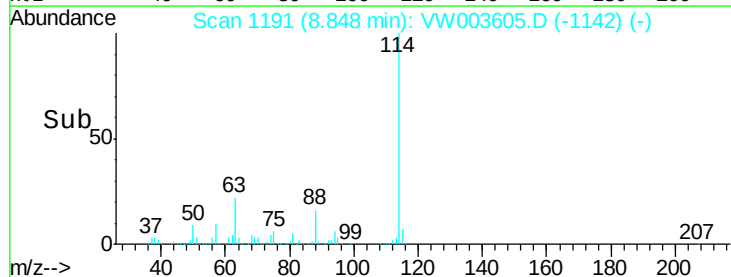
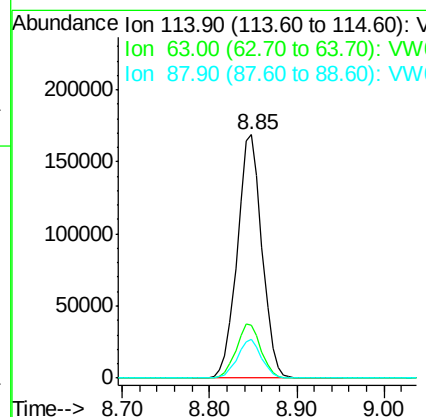
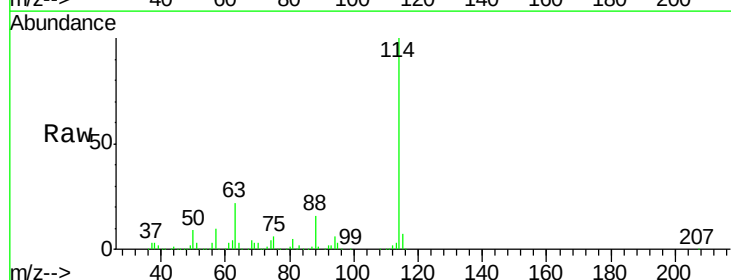
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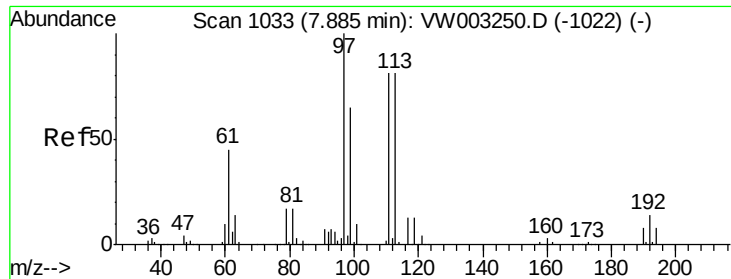
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003605.D
 Acq: 27 Jun 2018 11:39

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	331013		
63	21.7	0.0	43.0	
88	15.7	0.0	29.6	





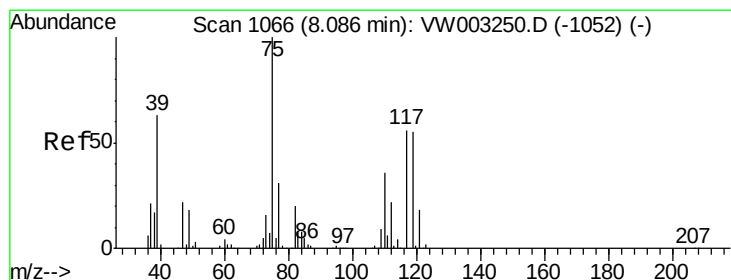
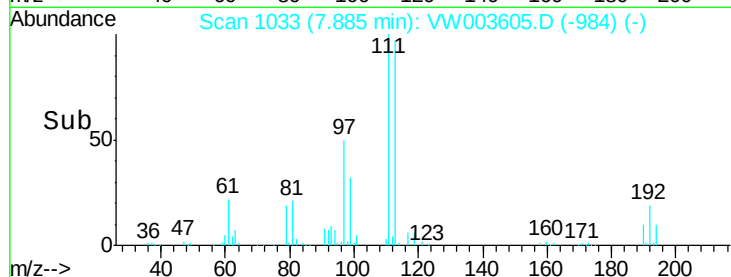
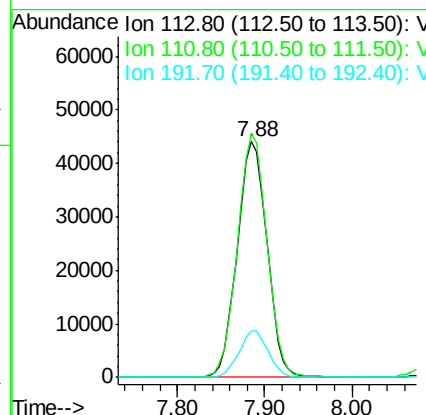
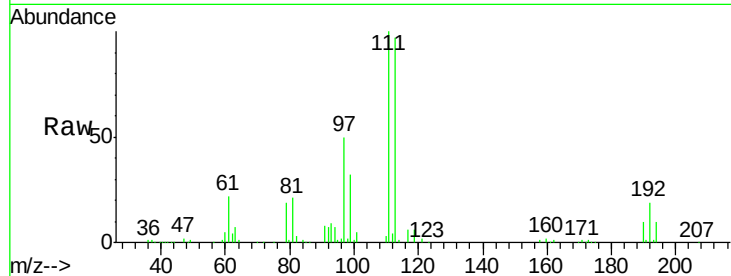
#35
 Dibromofluoromethane
 Concen: 50.97 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003605.D
 Acq: 27 Jun 2018 11:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0627SBS02

Tot Ion	Ratio	Resp	Lower	Upper
113	100	104831		
111	102.7	82.2	123.2	
192	19.5	16.2	24.2	

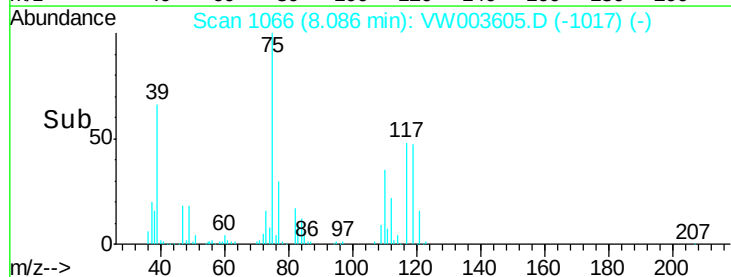
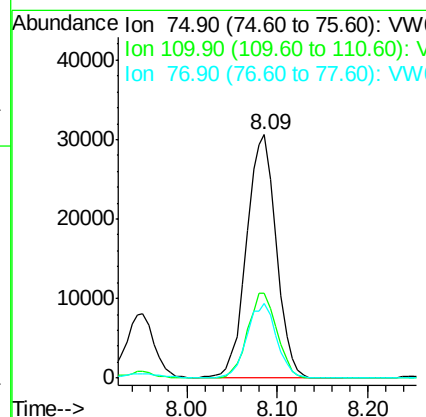
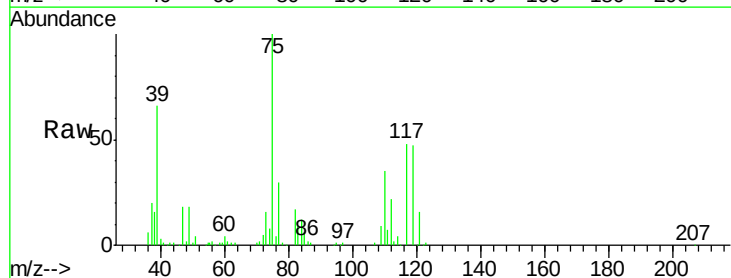
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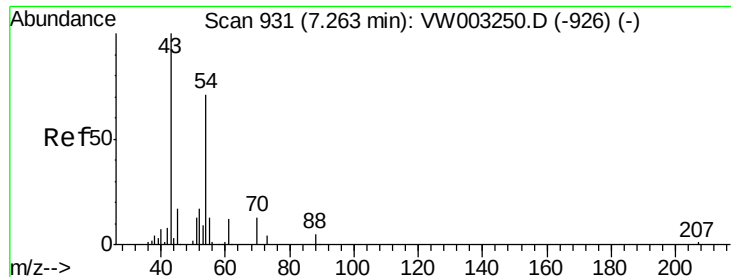
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#36
 1,1-Dichloropropene
 Concen: 21.75 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: VW003605.D
 Acq: 27 Jun 2018 11:39

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	69543		
110	34.5	17.1	51.3	
77	30.7	24.9	37.3	





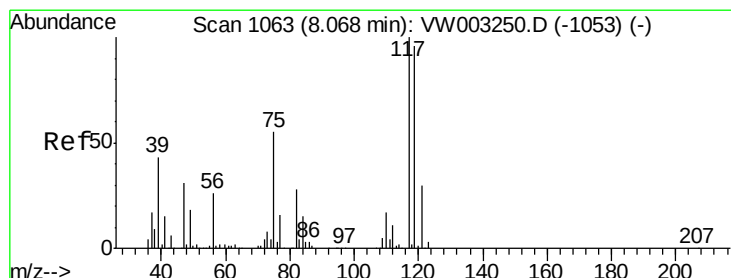
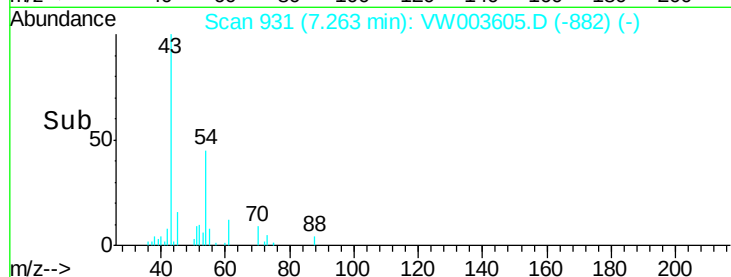
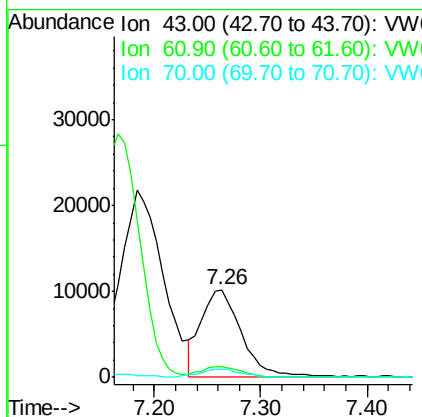
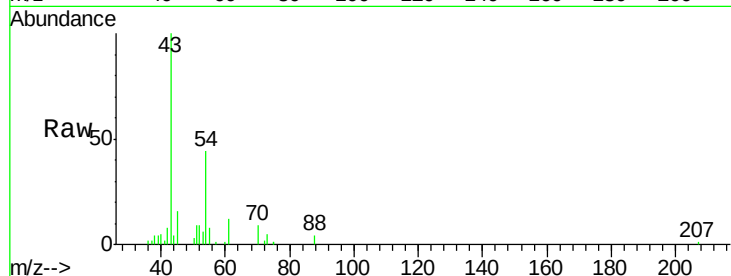
#37
Ethyl Acetate
Concen: 19.76 ug/l
RT: 7.26 min Scan# 931
Delta R.T. 0.00 min
Lab File: VW003605.D
Acq: 27 Jun 2018 11:39

Instrument :
MSVOA_W
ClientSampled :
VW0627SBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.9	10.8	16.2
70	9.6	7.8	11.6

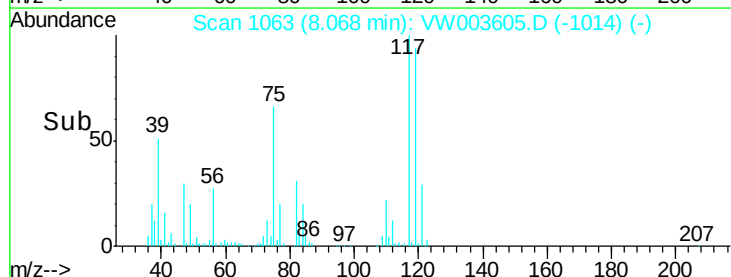
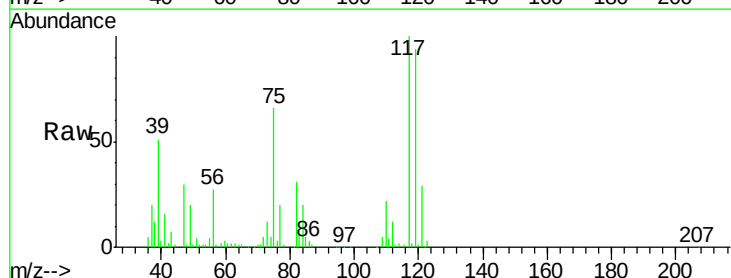
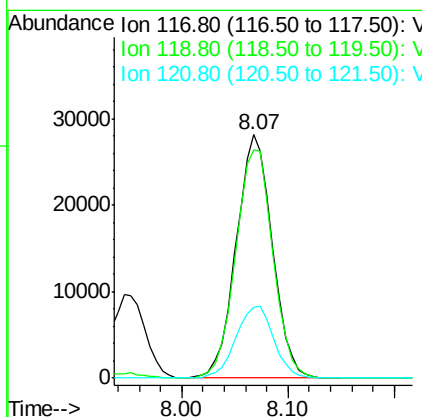
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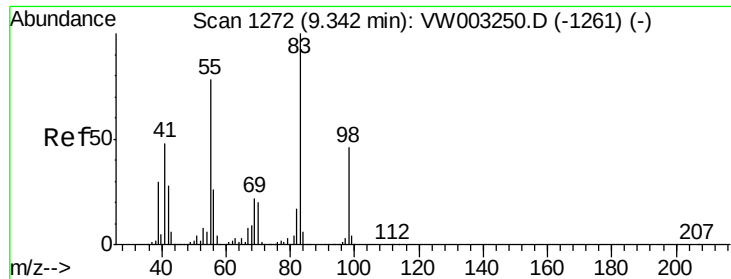
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#38
Carbon Tetrachloride
Concen: 21.38 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW003605.D
Acq: 27 Jun 2018 11:39

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.9	76.6	115.0
121	29.0	23.9	35.9





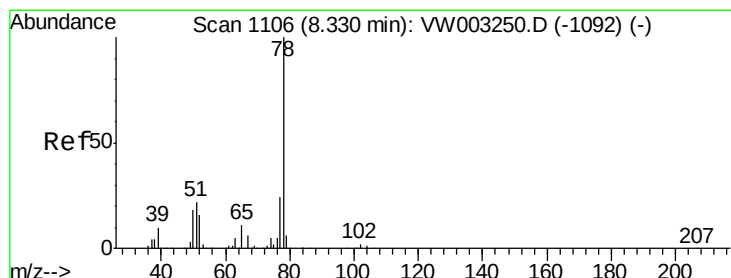
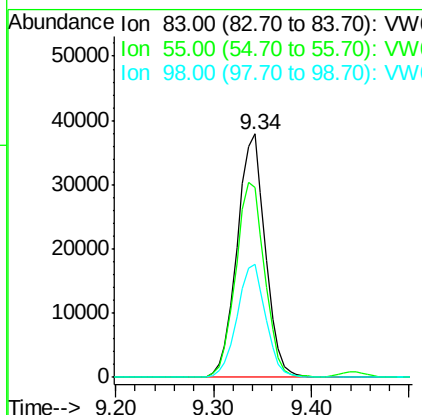
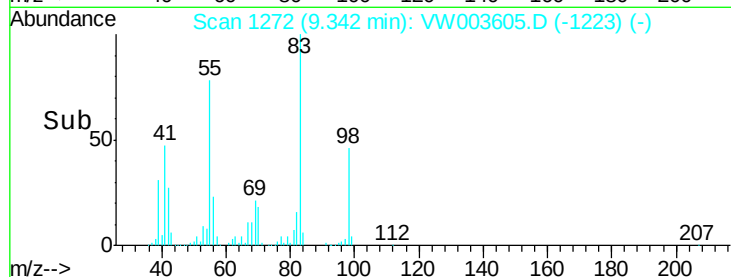
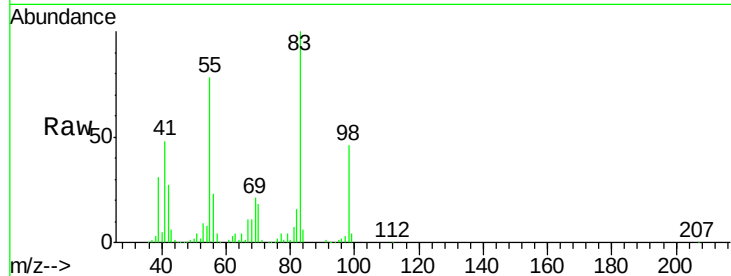
#39
Methylvlcyclohexane
Concen: 20.51 ug/l
RT: 9.34 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VW003605.D
Acq: 27 Jun 2018 11:39

Instrument :
MSVOA_W
ClientSampleId :
VW0627SBS02

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	78.2		62.6	93.8
98	46.3		37.0	55.4

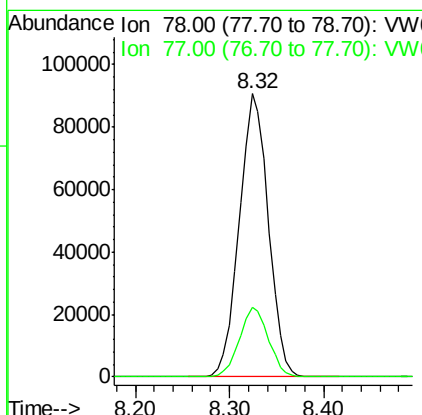
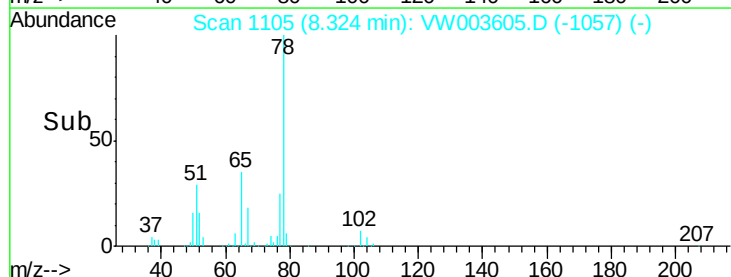
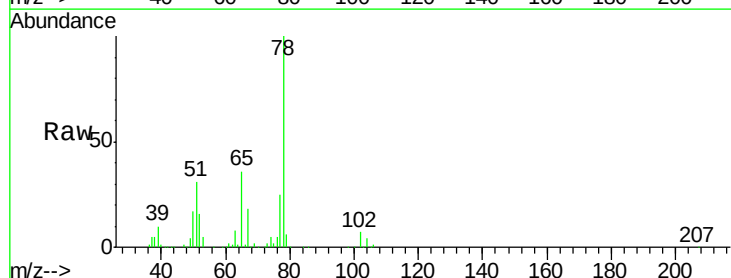
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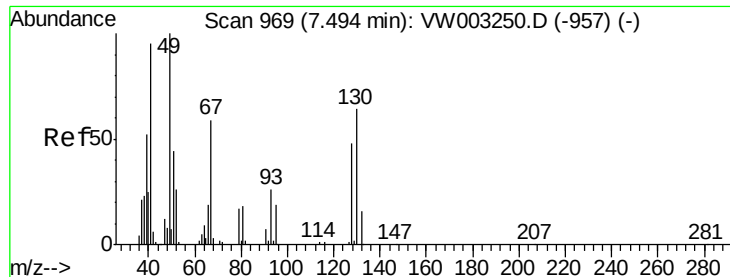
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#40
Benzene
Concen: 22.06 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.01 min
Lab File: VW003605.D
Acq: 27 Jun 2018 11:39

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	24.8		19.0	28.6





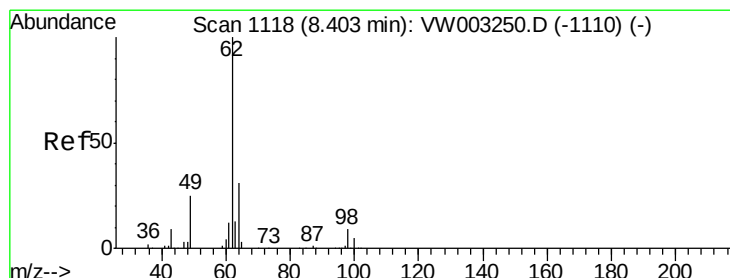
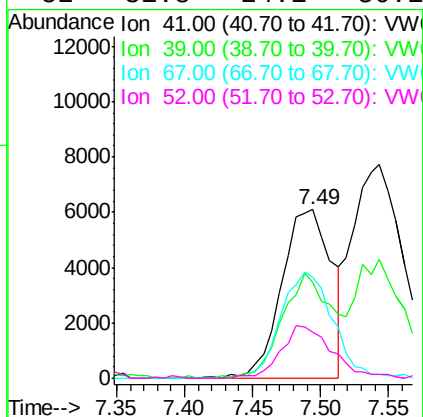
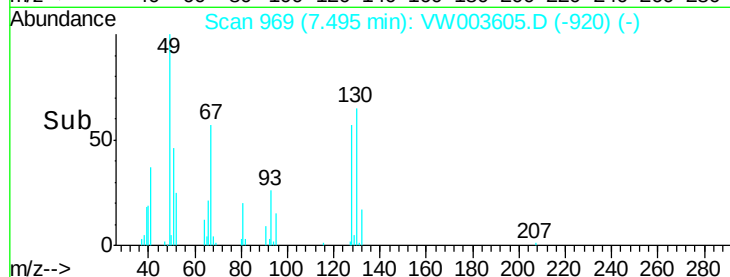
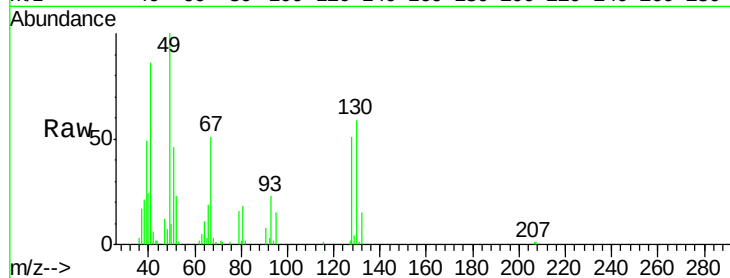
#41
Methacrylonitrile
Concen: 19.12 ug/l
RT: 7.49 min Scan# 969
Delta R.T. 0.00 min
Lab File: VW003605.D
Acq: 27 Jun 2018 11:39

Instrument :
MSVOA_W
ClientSampleId :
VW0627SBS02

Tot Ion	Ratio	Lower	Upper
41	100		
39	64.6	45.8	68.8
67	65.7	52.3	78.5
52	31.8	24.1	36.1

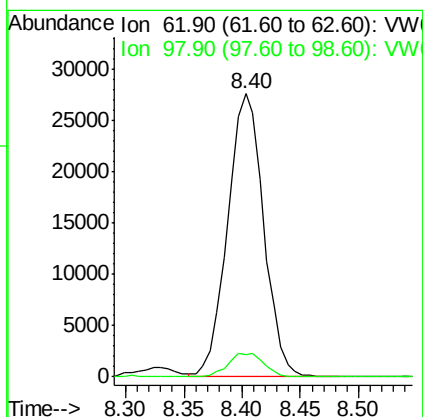
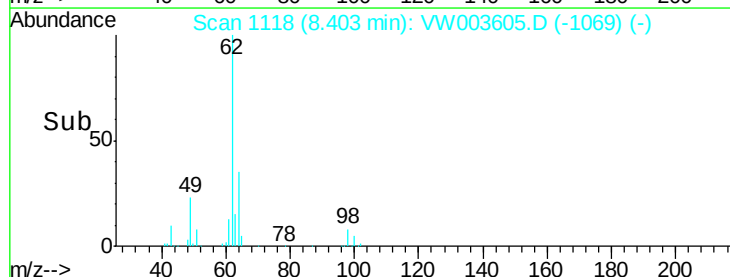
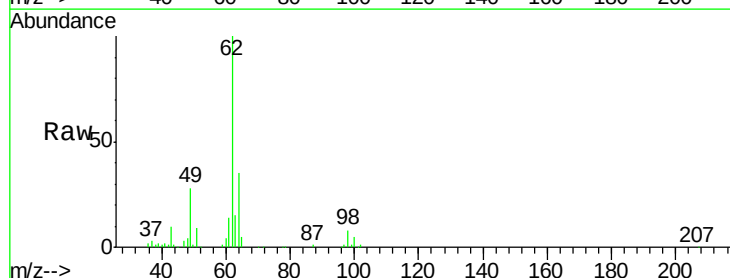
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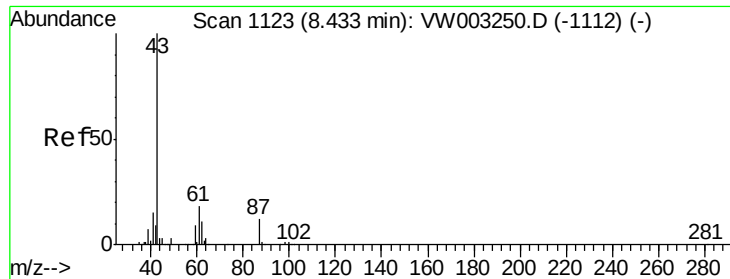
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#42
1,2-Dichloroethane
Concen: 21.55 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW003605.D
Acq: 27 Jun 2018 11:39

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.2





#43

Isopropyl Acetate

Concen: 18.85 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VW003605.D

Acq: 27 Jun 2018 11:39

Instrument :

MSVOA_W

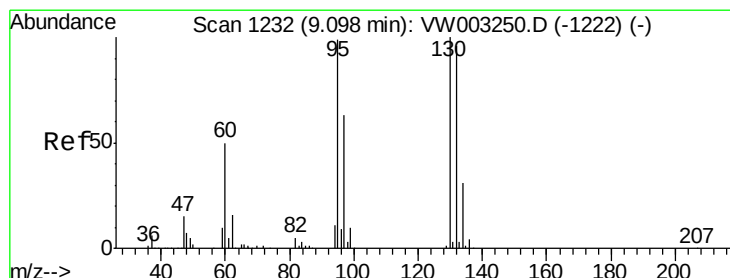
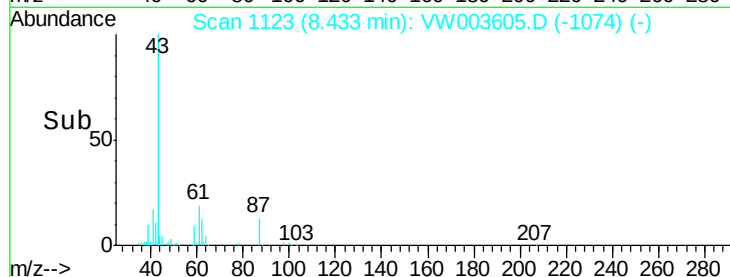
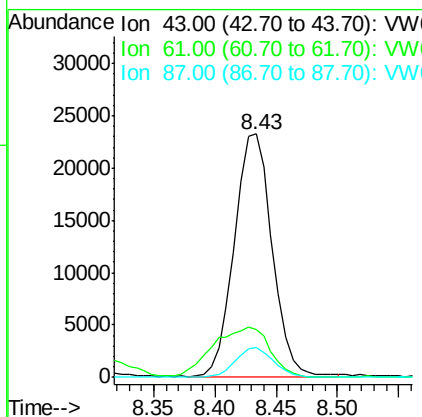
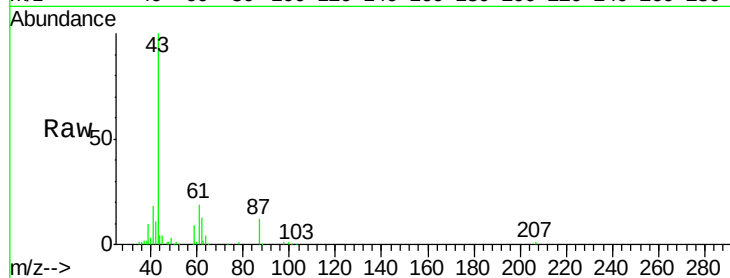
ClientSampleId :

VW0627SBS02

Tot Ion:	43	Resp:	49566
Ion	Ratio	Lower	Upper
43	100		
61	31.3	23.1	34.7
87	12.3	9.8	14.6

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#44

Trichloroethene

Concen: 21.79 ug/l

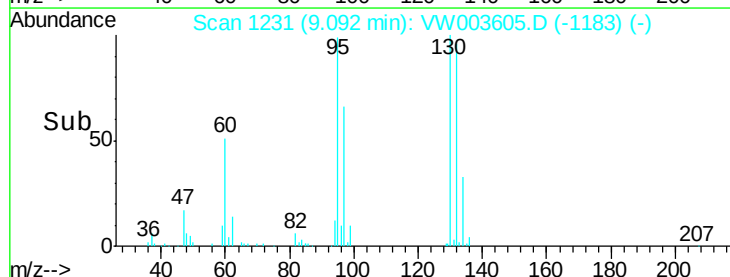
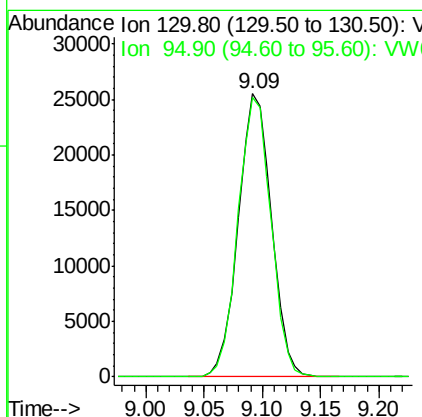
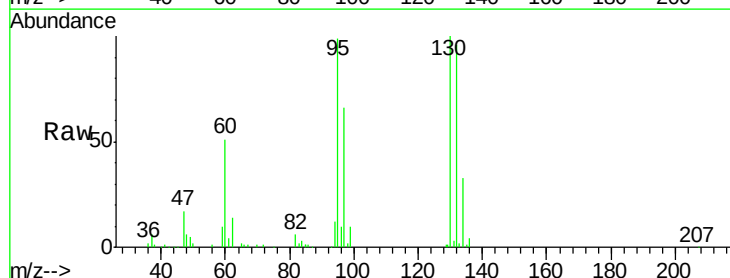
RT: 9.09 min Scan# 1231

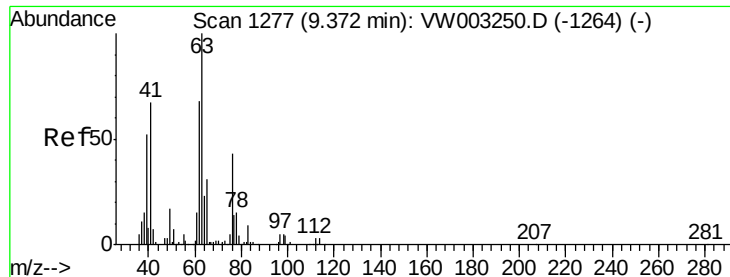
Delta R.T. -0.01 min

Lab File: VW003605.D

Acq: 27 Jun 2018 11:39

Tgt Ion:	130	Resp:	50885
Ion	Ratio	Lower	Upper
130	100		
95	98.9	0.0	198.0





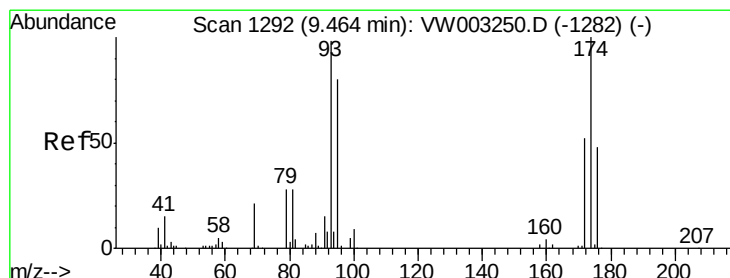
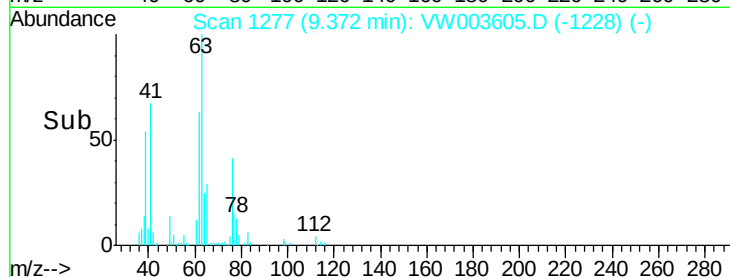
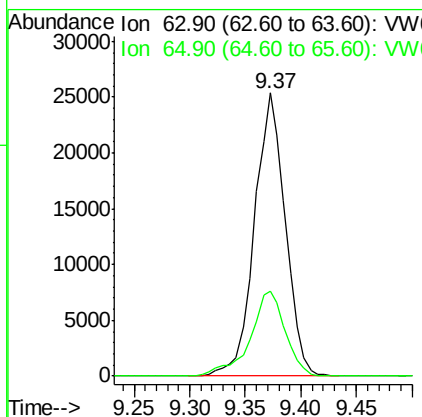
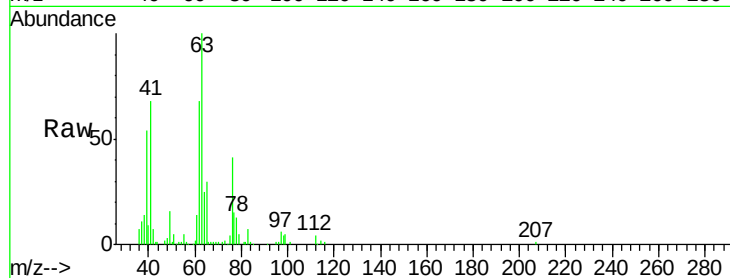
#45
 1,2-Dichloropropane
 Concen: 21.84 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW003605.D
 Acq: 27 Jun 2018 11:39

Instrument :
 MSVOA_W
 ClientSampled :
 VW0627SBS02

Tot Ion	63	Resp	48994
Ion Ratio	Lower	Upper	
63	100		
65	30.0	25.1	37.7

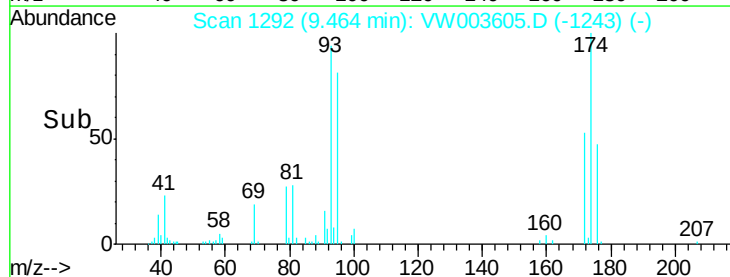
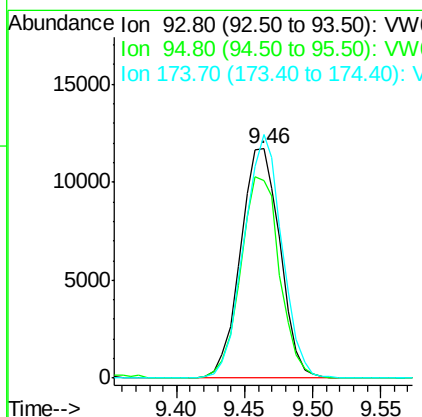
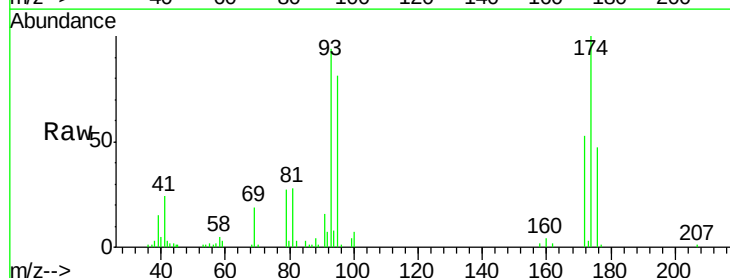
Manual Integrations
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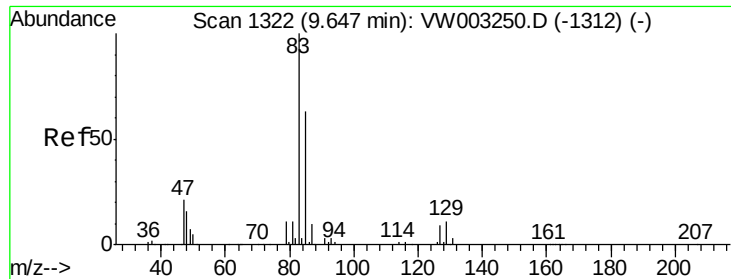
apatel
 6/28/2018 12:35:14 PM



#46
 Dibromomethane
 Concen: 20.80 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. 0.00 min
 Lab File: VW003605.D
 Acq: 27 Jun 2018 11:39

Tgt Ion	93	Resp	23892
Ion Ratio	Lower	Upper	
93	100		
95	86.1	65.8	98.8
174	101.6	81.4	122.0





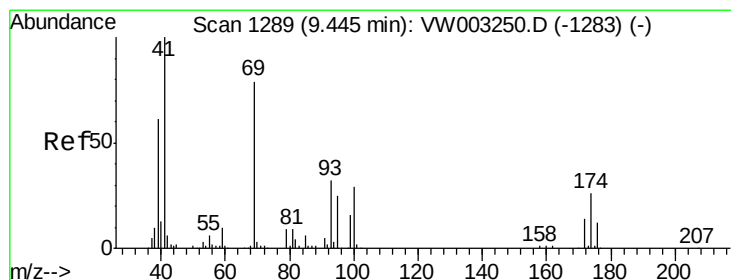
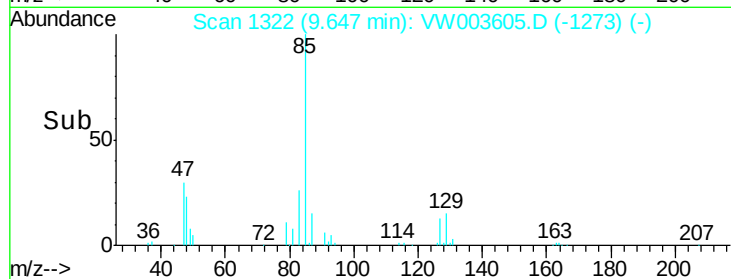
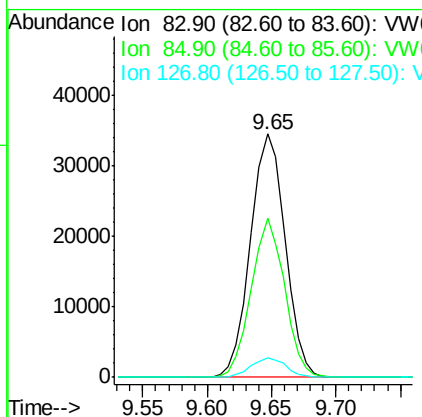
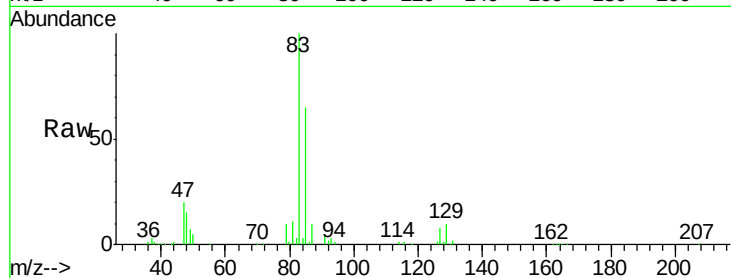
#47
Bromodichloromethane
Concen: 21.86 ug/l
RT: 9.65 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VW003605.D
Acq: 27 Jun 2018 11:39

Instrument :
MSVOA_W
ClientSampleId :
VW0627SBS02

Tot Ion	83	Resp	64348
Ion Ratio	100	Lower	Upper
85	65.2	50.6	75.8
127	8.2	6.8	10.2

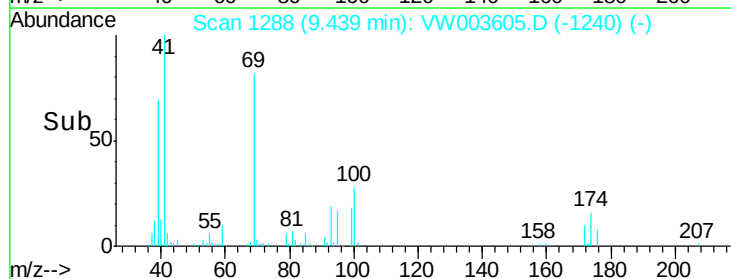
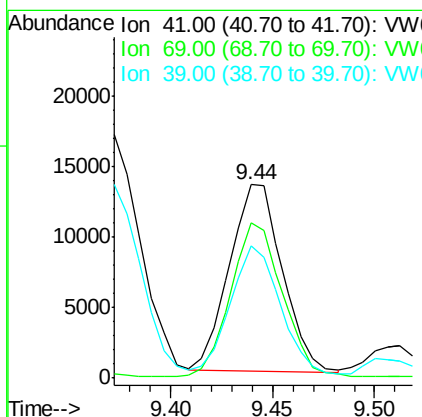
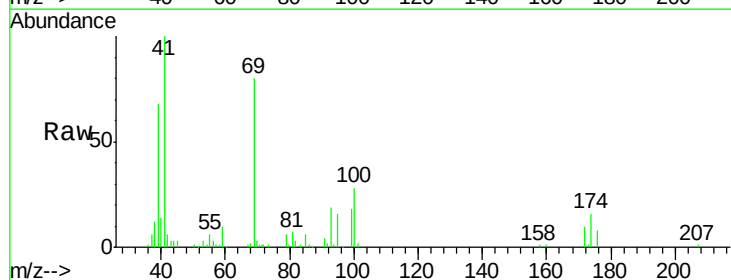
Manual Integrations
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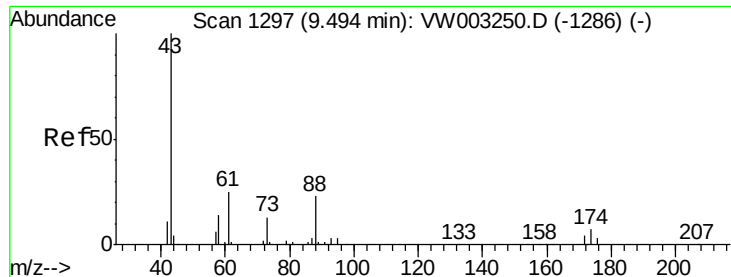
apatel
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#48
Methyl methacrylate
Concen: 19.29 ug/l
RT: 9.44 min Scan# 1288
Delta R.T. -0.01 min
Lab File: VW003605.D
Acq: 27 Jun 2018 11:39

Tgt Ion	41	Resp	23835
Ion Ratio	100	Lower	Upper
69	81.1	65.4	98.2
39	63.3	54.2	81.2





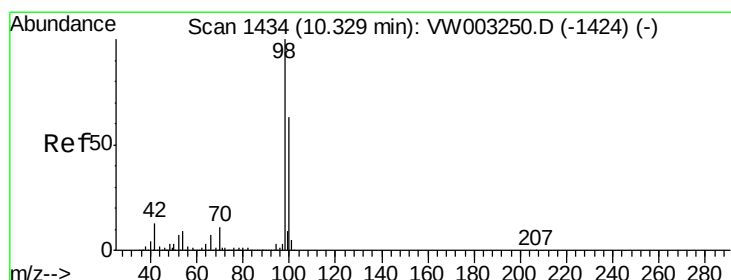
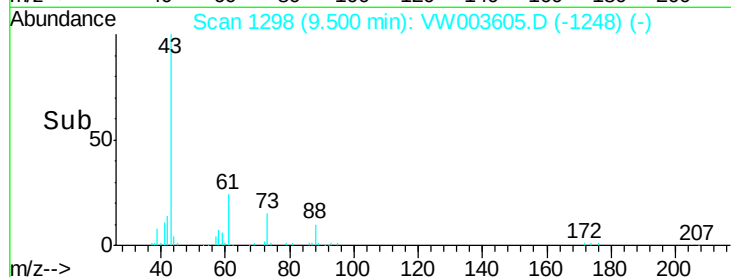
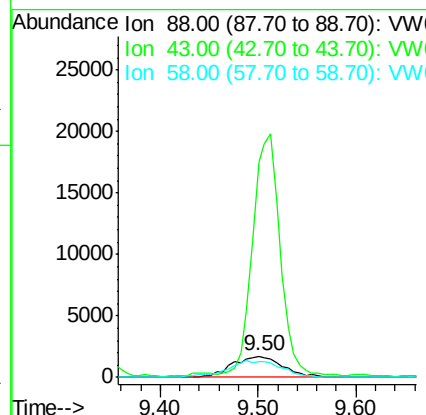
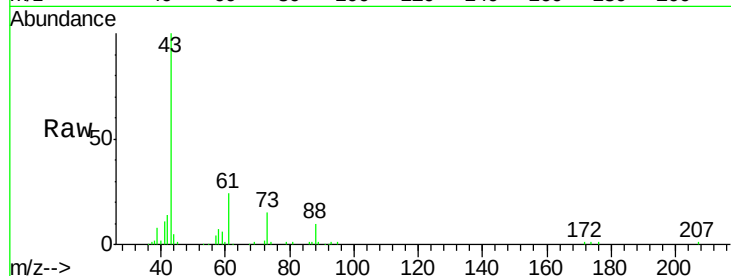
#49
 1,4-Dioxane
 Concen: 353.57 ug/l
 RT: 9.50 min Scan# 1298
 Delta R.T. 0.01 min
 Lab File: VW003605.D
 Acq: 27 Jun 2018 11:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0627SBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	627.9	454.7	682.1
58	0.0	58.6	88.0#

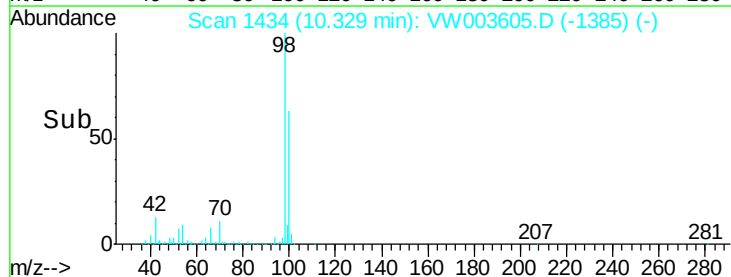
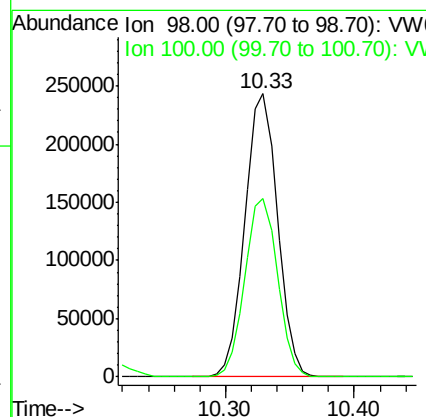
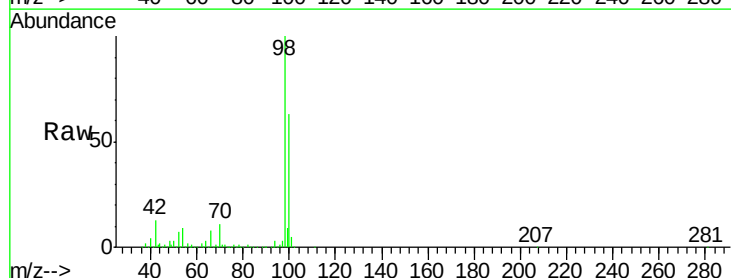
Manual Integrations
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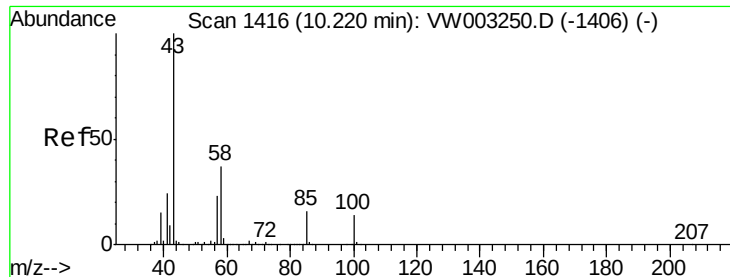
apatel
 6/28/2018 12:35:14 PM



#50
 Toluene-d8
 Concen: 52.04 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW003605.D
 Acq: 27 Jun 2018 11:39

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.7	50.8	76.2





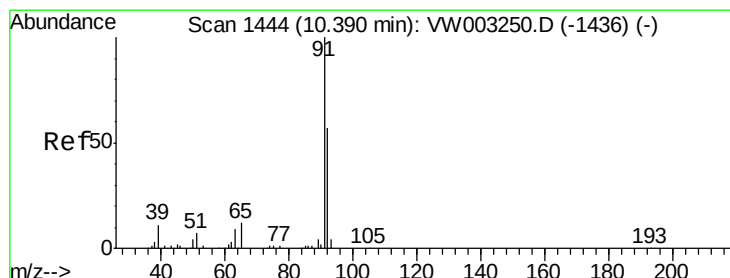
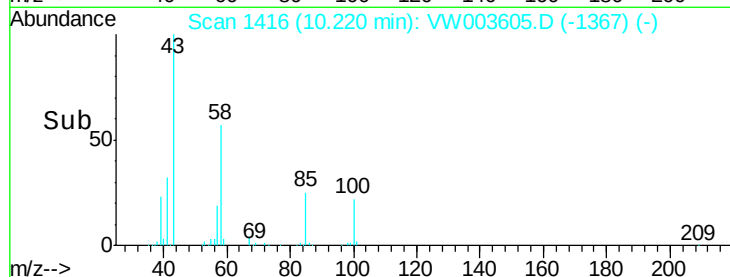
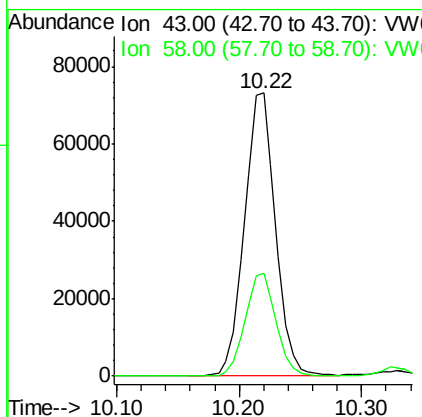
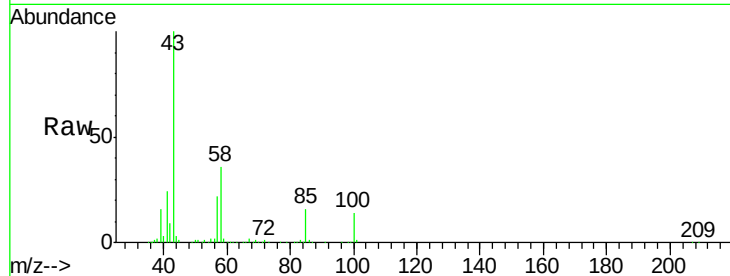
#51
 4-Methyl-2-Pentanone
 Concen: 96.39 ug/l
 RT: 10.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VW003605.D
 Acq: 27 Jun 2018 11:39

Instrument :
 MSVOA_W
 ClientSampled :
 VW0627SBS02

Tot Ion	Ratio	Lower	Upper
43	100		
58	36.1	29.0	43.4

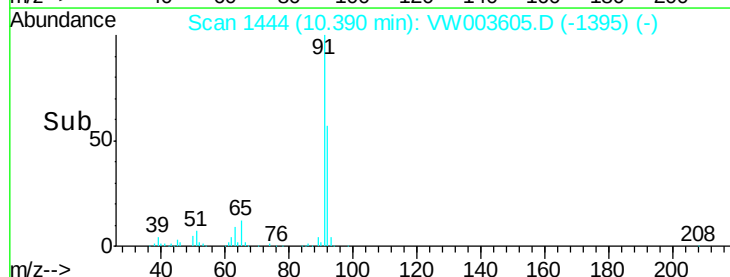
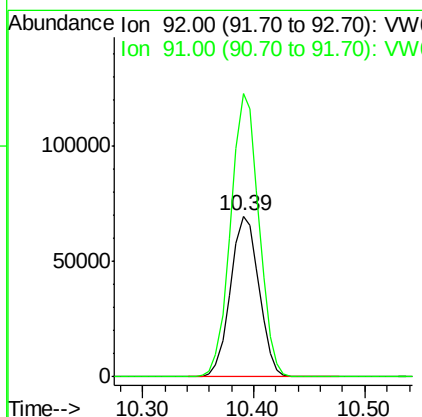
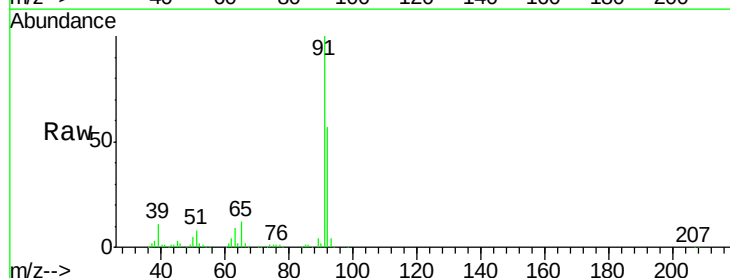
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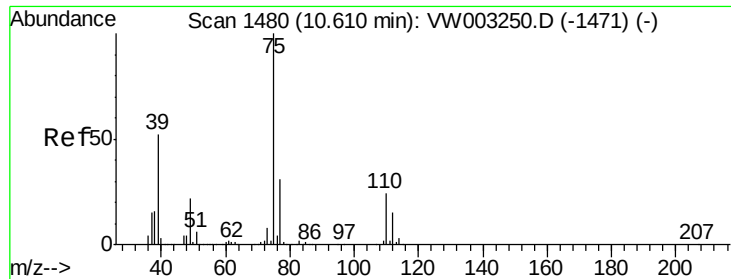
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#52
 Toluene
 Concen: 21.90 ug/l
 RT: 10.39 min Scan# 1444
 Delta R.T. 0.00 min
 Lab File: VW003605.D
 Acq: 27 Jun 2018 11:39

Tgt Ion	Ratio	Lower	Upper
92	100		
91	173.6	141.1	211.7





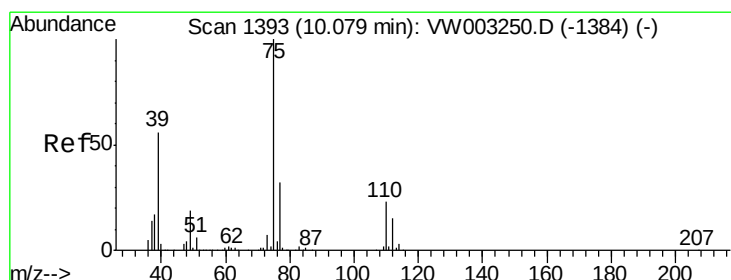
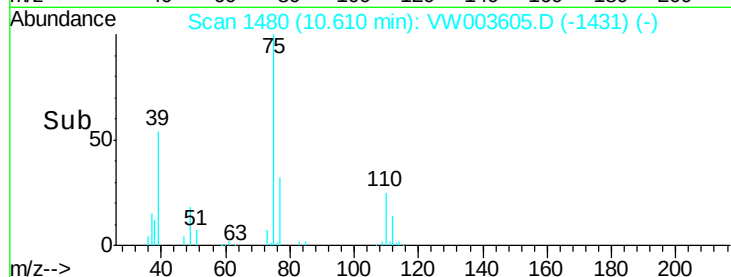
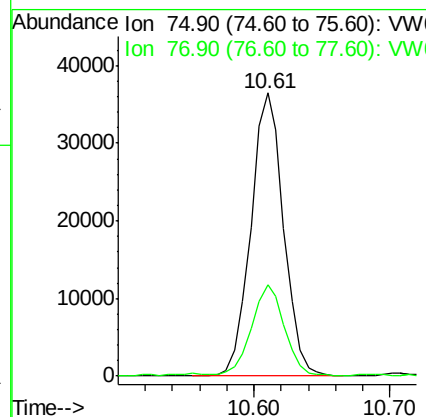
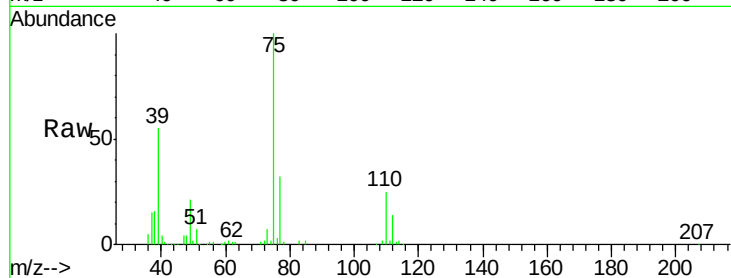
#53
t-1,3-Dichloropropene
Concen: 20.36 ug/l
RT: 10.61 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VW003605.D
Acq: 27 Jun 2018 11:39

Instrument :
MSVOA_W
ClientSampleId :
VW0627SBS02

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.0	24.9	37.3

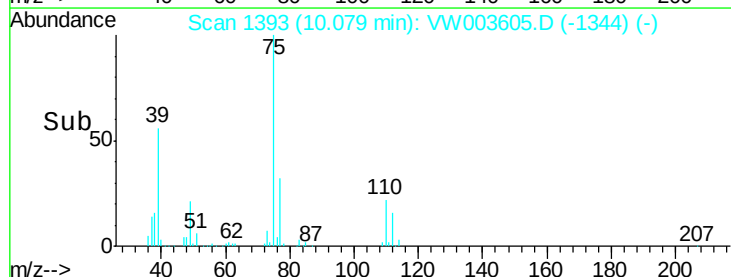
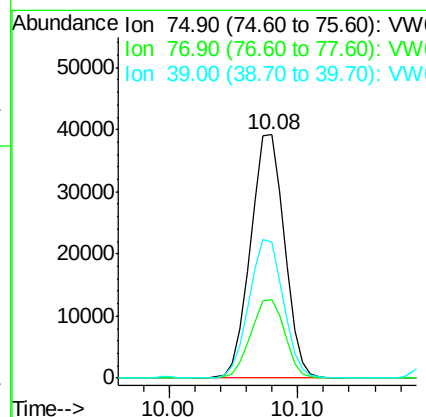
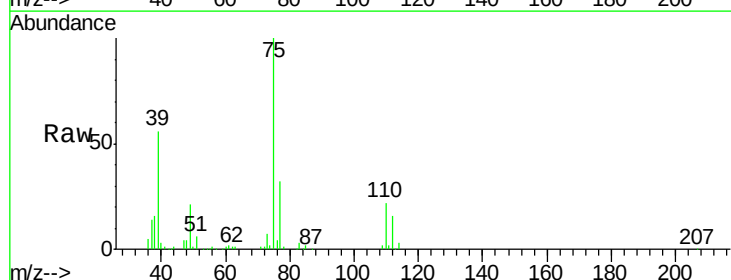
Manual Integrations
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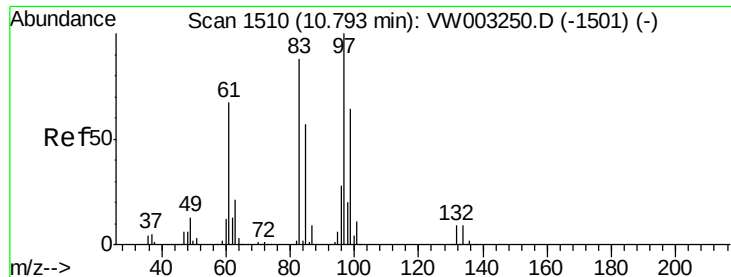
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#54
cis-1,3-Dichloropropene
Concen: 20.79 ug/l
RT: 10.08 min Scan# 1393
Delta R.T. 0.00 min
Lab File: VW003605.D
Acq: 27 Jun 2018 11:39

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.4	25.8	38.6
39	55.8	45.2	67.8





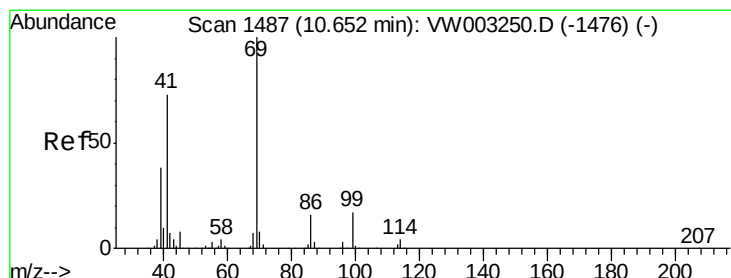
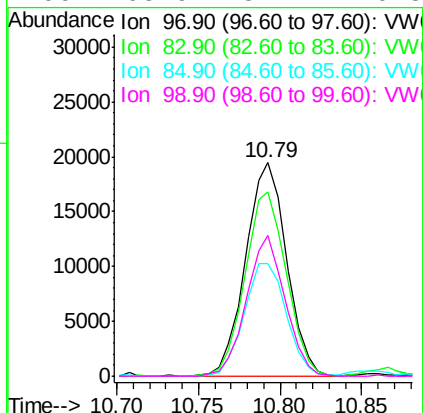
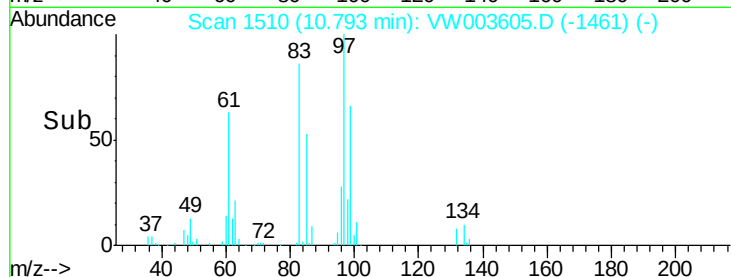
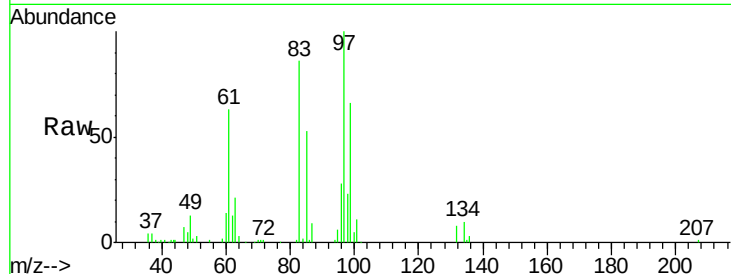
#55
 1,1,2-Trichloroethane
 Concen: 21.05 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW003605.D
 Acq: 27 Jun 2018 11:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0627SBS02

Tot Ion	Ratio	Lower	Upper
97	100		
83	86.2	70.2	105.2
85	52.8	45.6	68.4
99	65.9	51.2	76.8

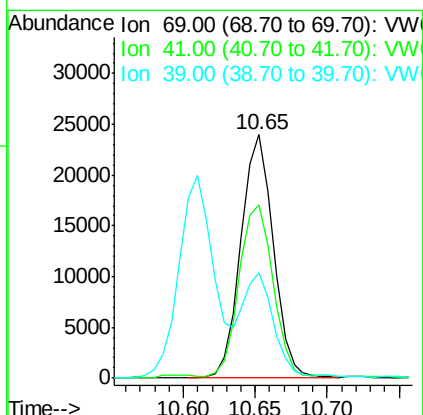
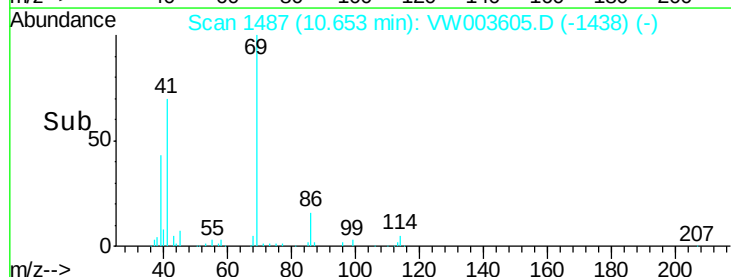
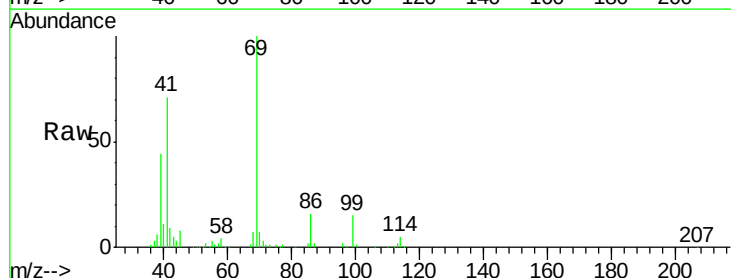
Manual Integrations
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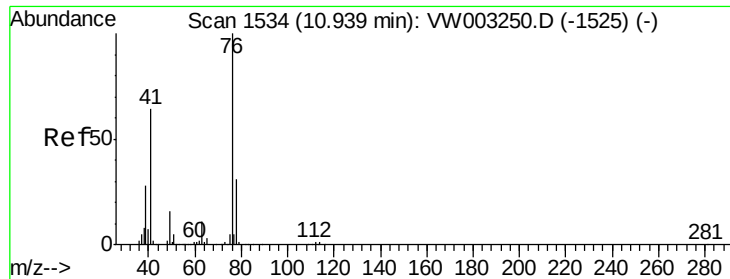
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#56
 Ethyl methacrylate
 Concen: 19.10 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW003605.D
 Acq: 27 Jun 2018 11:39

Tgt Ion	Ratio	Lower	Upper
69	100		
41	74.5	57.8	86.6
39	40.8	32.7	49.1





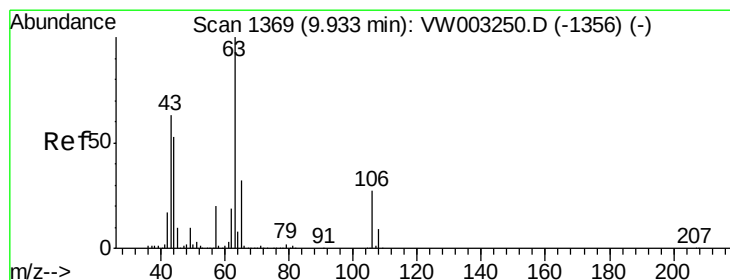
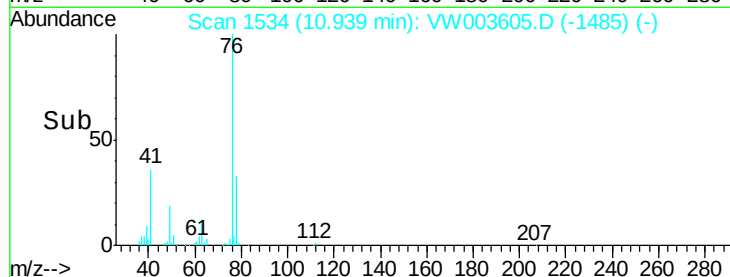
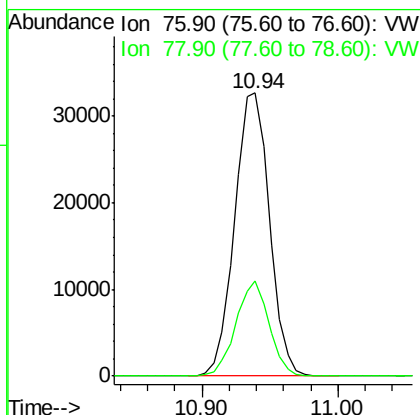
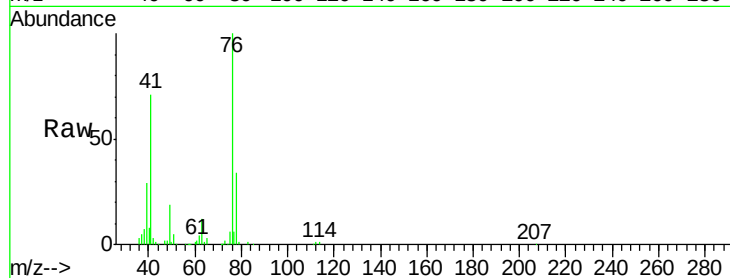
#57
 1,3-Dichloropropane
 Concen: 20.95 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VW003605.D
 Acq: 27 Jun 2018 11:39

Instrument :
 MSVOA_W
 ClientSampled :
 VW0627SBS02

Tot Ion	76	Resp	58478
Ion Ratio	Lower	Upper	
76	100		
78	31.9	25.7	38.5

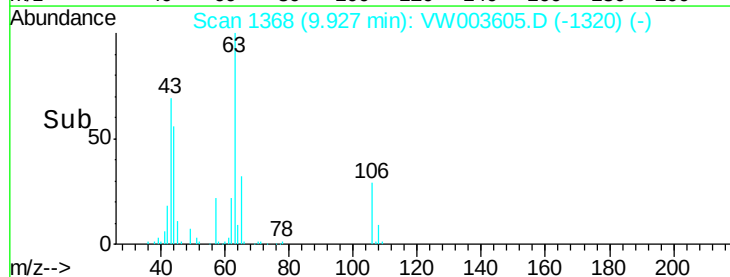
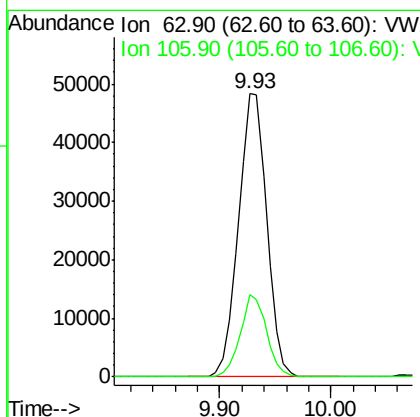
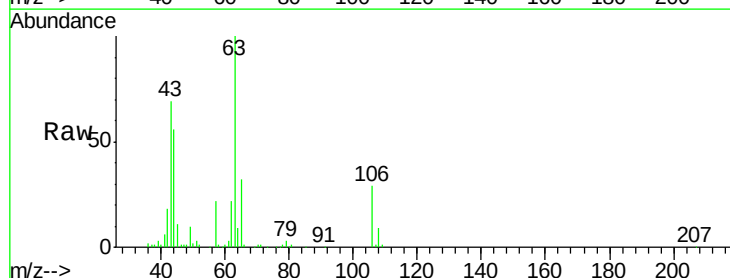
Manual Integrations
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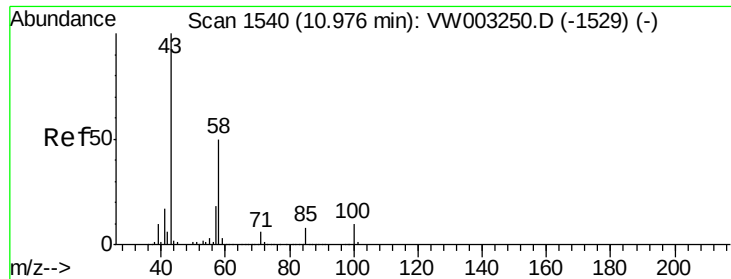
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#58
 2-Chloroethyl Vinyl ether
 Concen: 96.67 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: VW003605.D
 Acq: 27 Jun 2018 11:39

Tgt Ion	63	Resp	85180
Ion Ratio	Lower	Upper	
63	100		
106	27.0	21.8	32.8





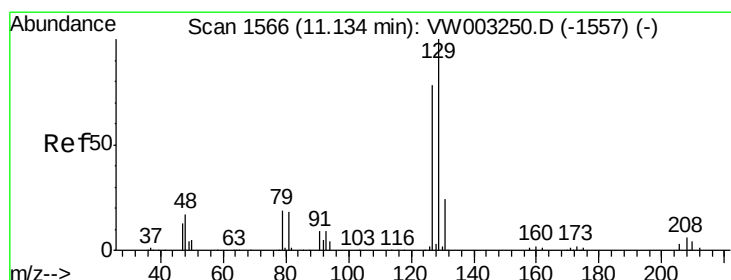
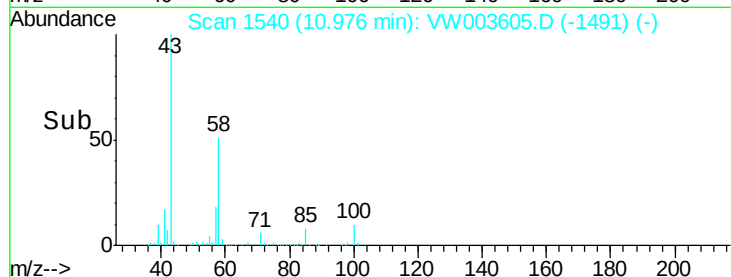
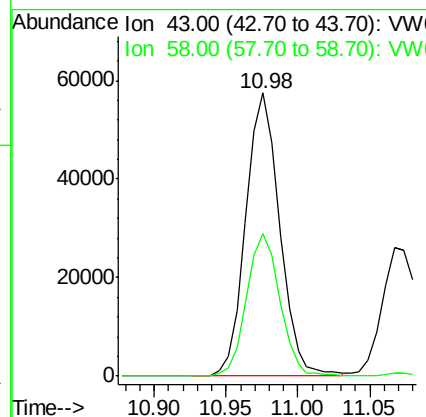
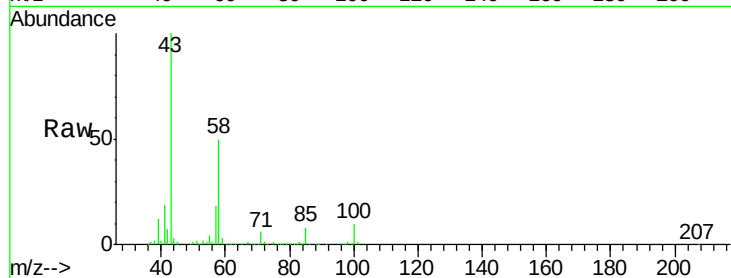
#59
2-Hexanone
Concen: 100.24 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW003605.D
Acq: 27 Jun 2018 11:39

Instrument :
MSVOA_W
ClientSampleId :
VW0627SBS02

Tot Ion: 43 Resp: 93827
Ion Ratio Lower Upper
43 100
58 49.3 25.0 75.0

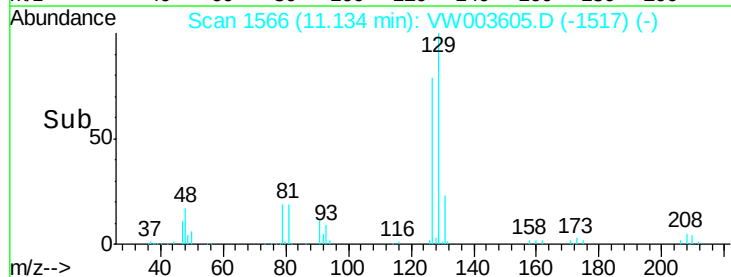
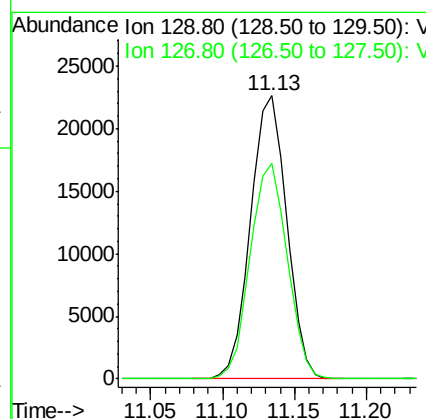
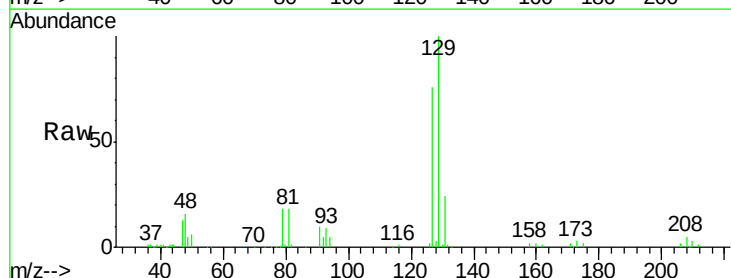
Manual Integrations
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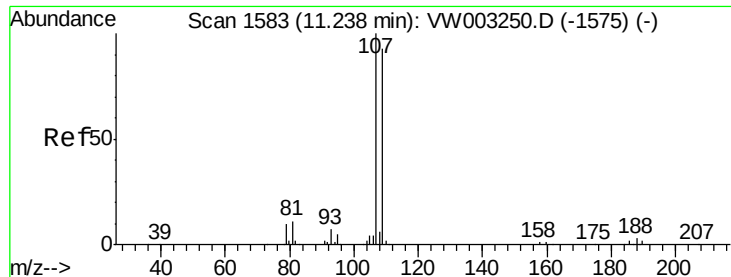
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#60
Dibromochloromethane
Concen: 20.45 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW003605.D
Acq: 27 Jun 2018 11:39

Tgt Ion: 129 Resp: 39366
Ion Ratio Lower Upper
129 100
127 77.9 39.1 117.5





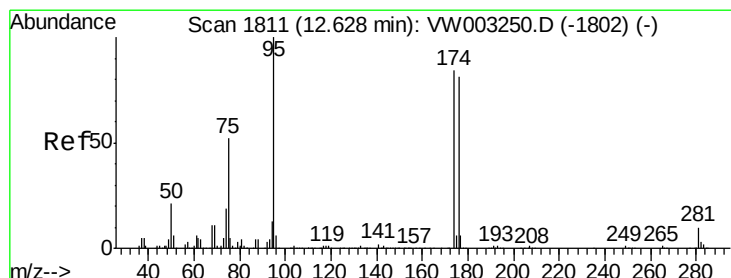
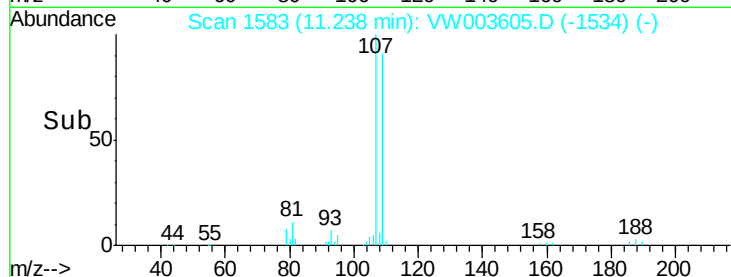
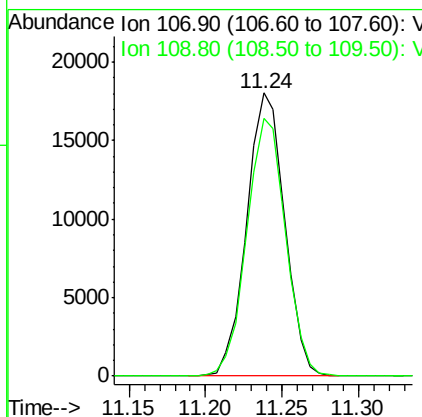
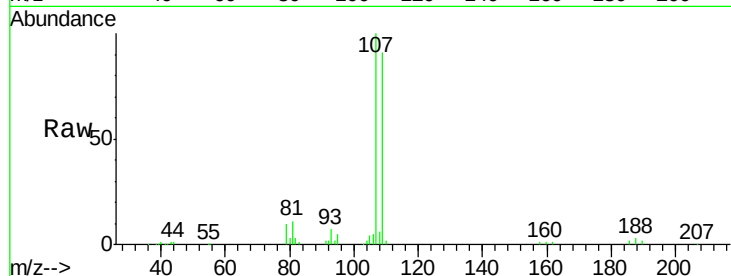
#61
 1,2-Dibromoethane
 Concen: 20.35 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VW003605.D
 Acq: 27 Jun 2018 11:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0627SBS02

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.0	75.8	113.6

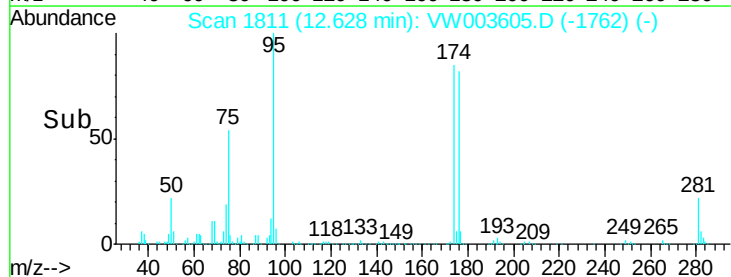
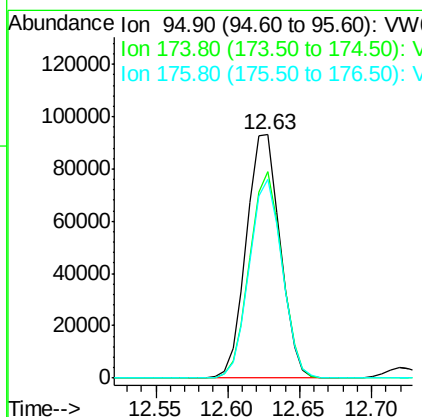
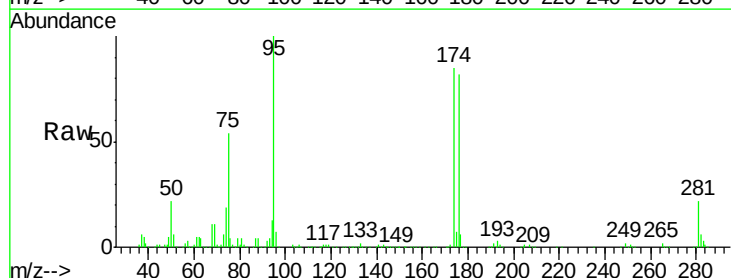
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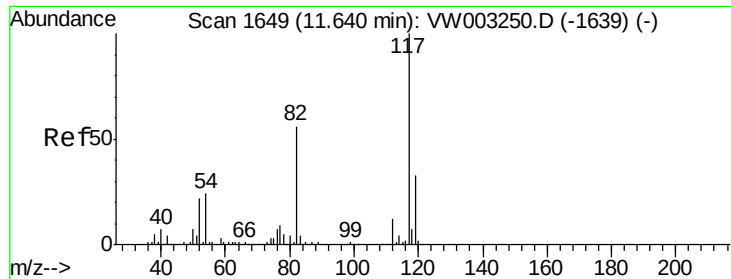
apatel
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#62
 4-Bromofluorobenzene
 Concen: 52.25 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW003605.D
 Acq: 27 Jun 2018 11:39

Tgt Ion	Ratio	Lower	Upper
95	100		
174	81.6	0.0	166.4
176	79.3	0.0	162.0





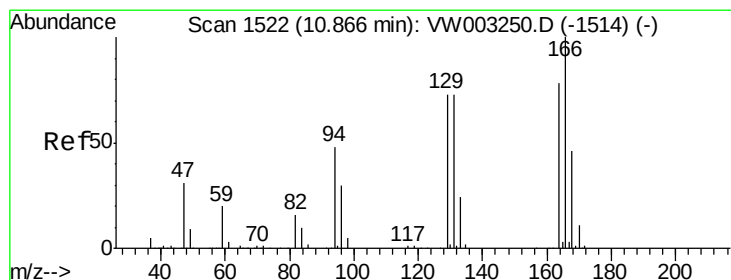
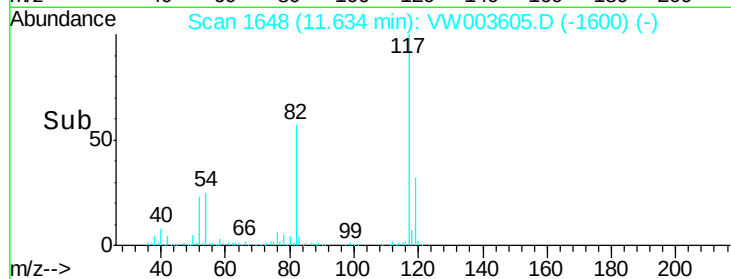
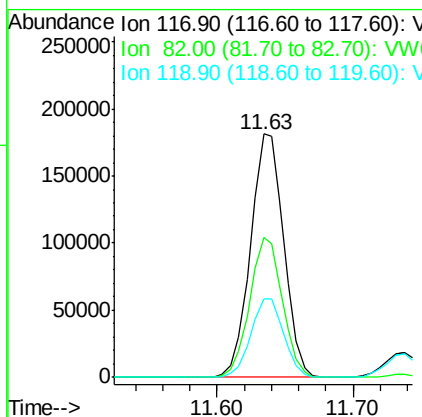
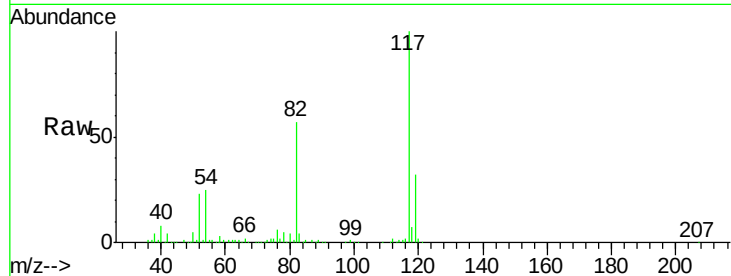
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW003605.D
Acq: 27 Jun 2018 11:39

Instrument :
MSVOA_W
ClientSampleId :
VW0627SBS02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	310153		
82	57.2	44.6	67.0	
119	32.5	26.7	40.1	

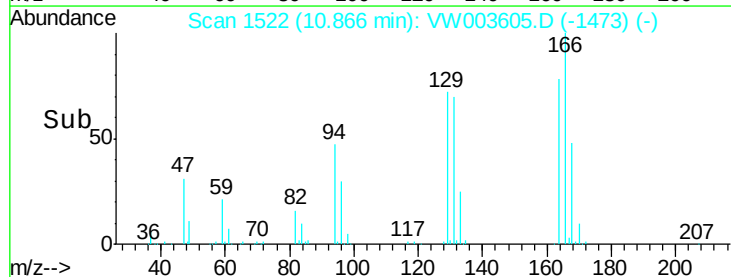
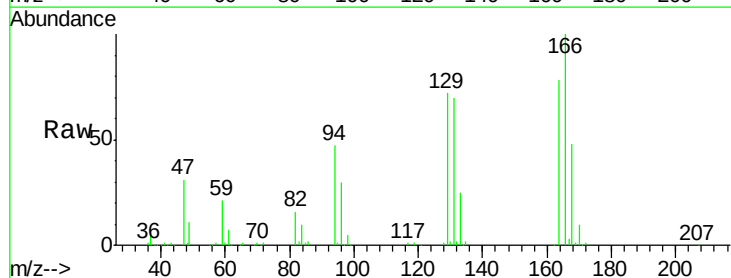
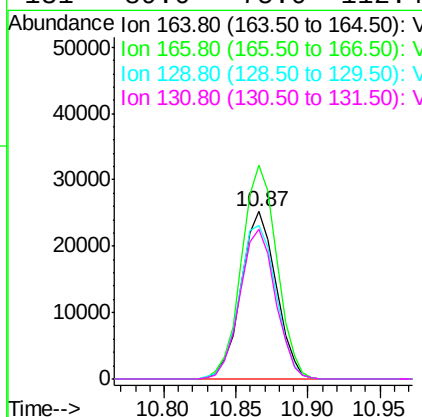
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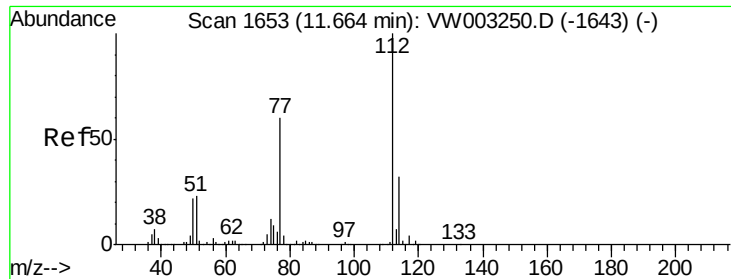
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#64
Tetrachloroethene
Concen: 20.56 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003605.D
Acq: 27 Jun 2018 11:39

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	42655		
166	127.4	102.6	154.0	
129	91.6	75.2	112.8	
131	89.0	75.0	112.4	





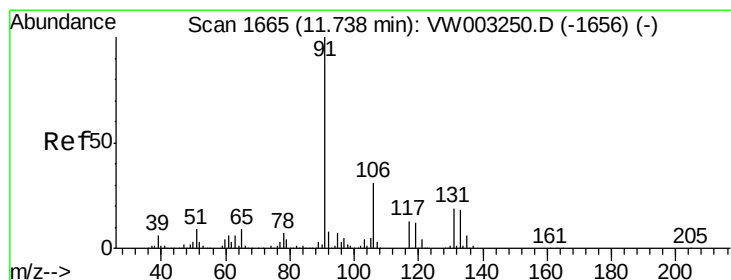
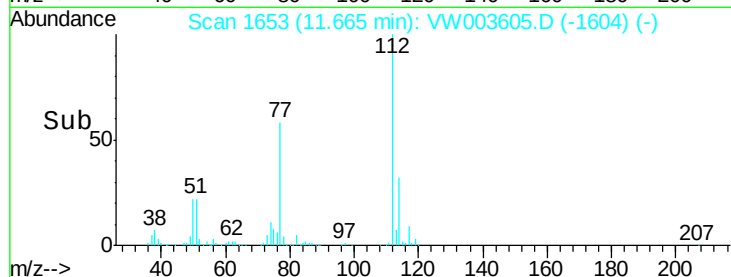
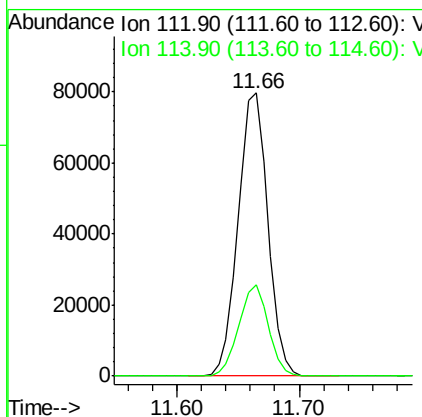
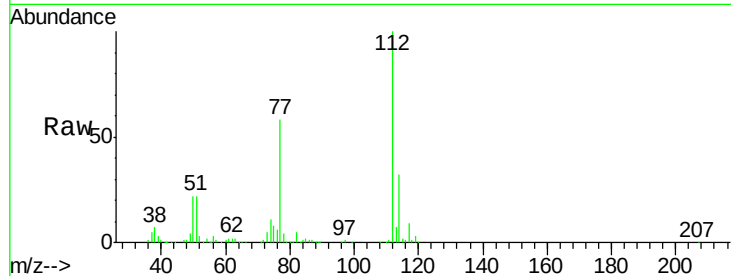
#65
Chlorobenzene
Concen: 20.81 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VW003605.D
Acq: 27 Jun 2018 11:39

Instrument :
MSVOA_W
ClientSampleId :
VW0627SBS02

Tot Ion:112 Resp: 134373
Ion Ratio Lower Upper
112 100
114 32.1 25.9 38.9

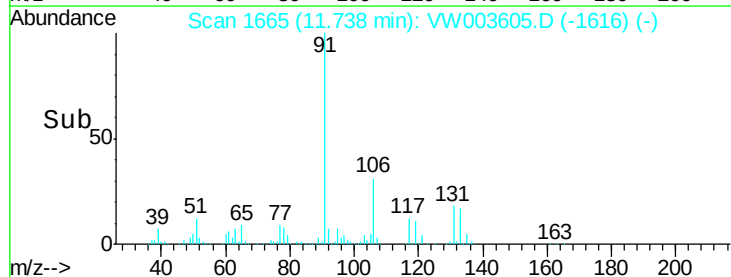
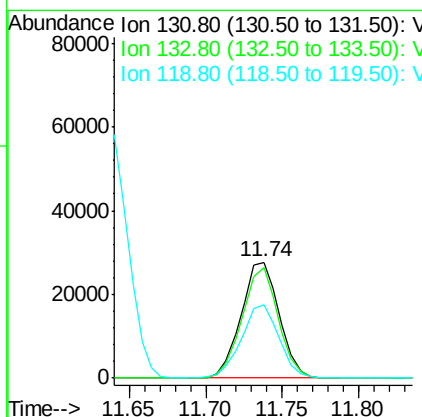
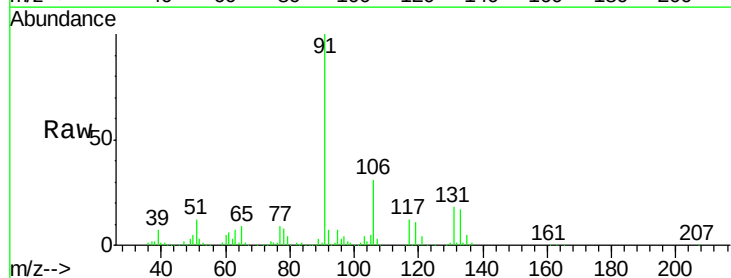
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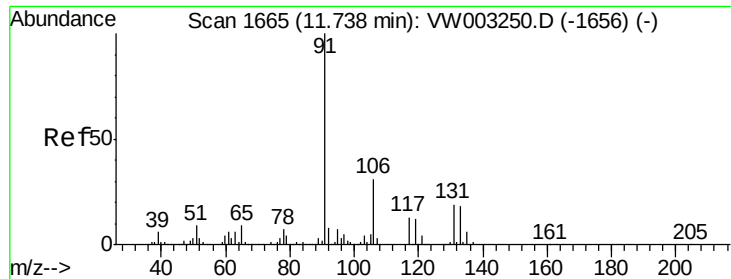
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.07 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003605.D
Acq: 27 Jun 2018 11:39

Tgt Ion:131 Resp: 47831
Ion Ratio Lower Upper
131 100
133 90.5 47.3 142.0
119 62.1 32.5 97.4





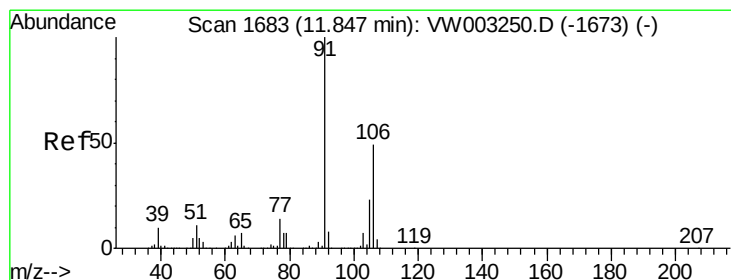
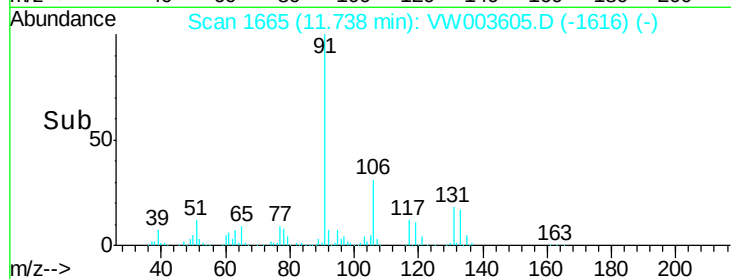
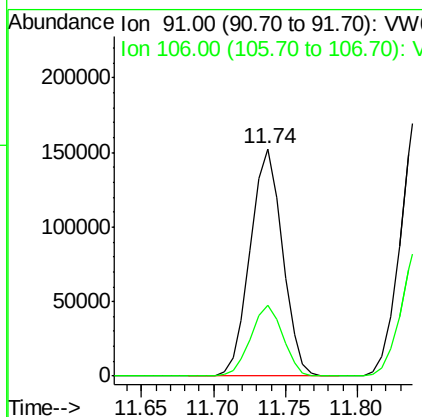
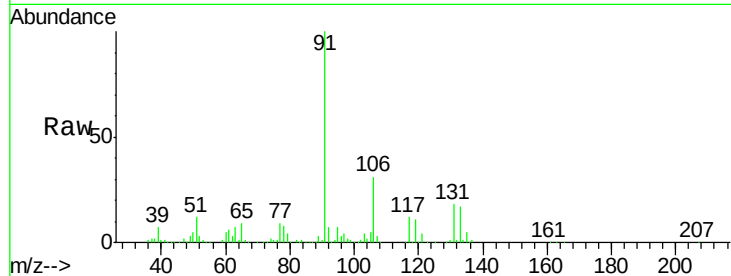
#67
Ethyl Benzene
Concen: 20.65 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003605.D
Acq: 27 Jun 2018 11:39

Instrument :
MSVOA_W
ClientSampleId :
VW0627SBS02

Tot Ion: 91 Resp: 236366
Ion Ratio Lower Upper
91 100
106 31.0 24.7 37.1

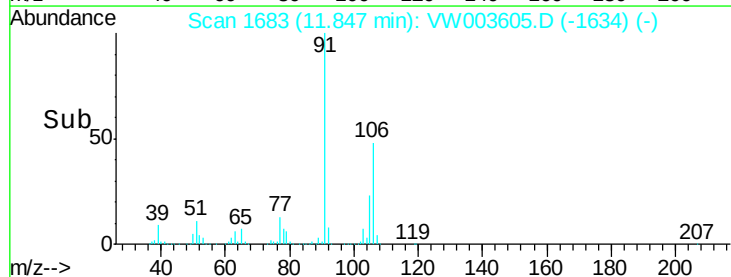
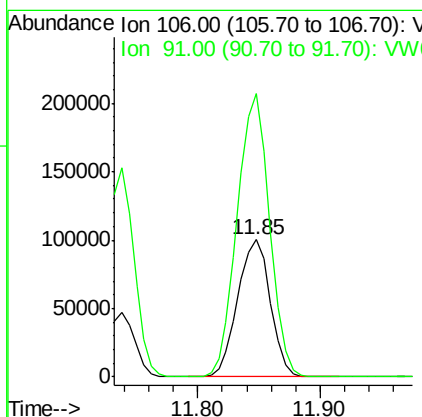
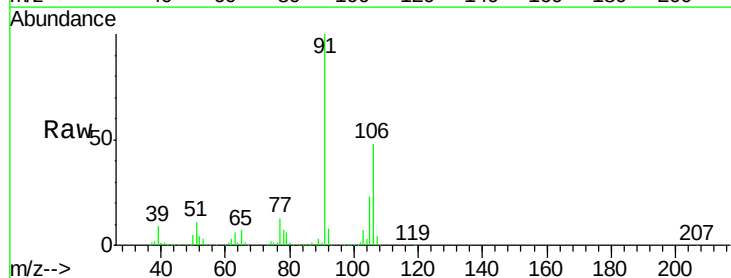
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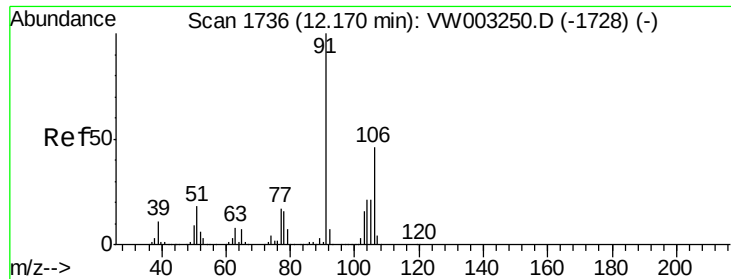
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#68
m/p-Xylenes
Concen: 42.75 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW003605.D
Acq: 27 Jun 2018 11:39

Tgt Ion: 106 Resp: 186065
Ion Ratio Lower Upper
106 100
91 204.0 165.4 248.0





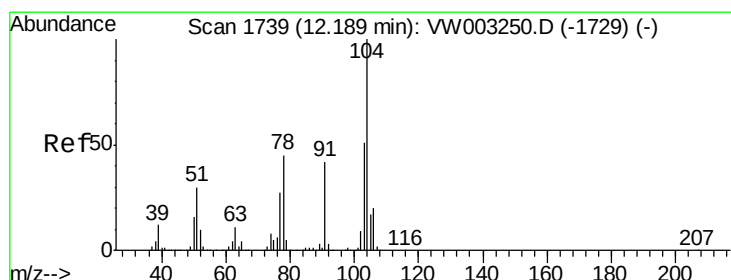
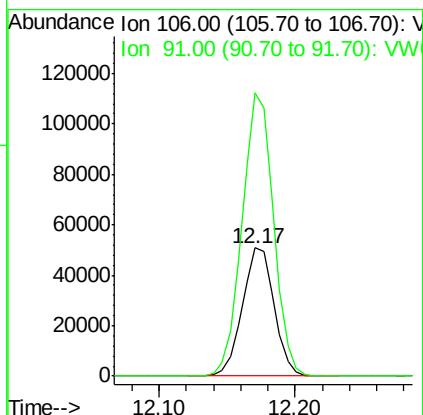
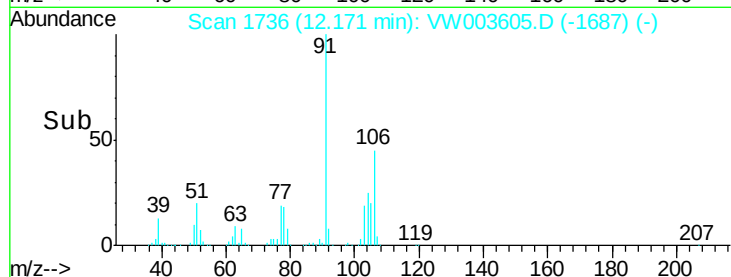
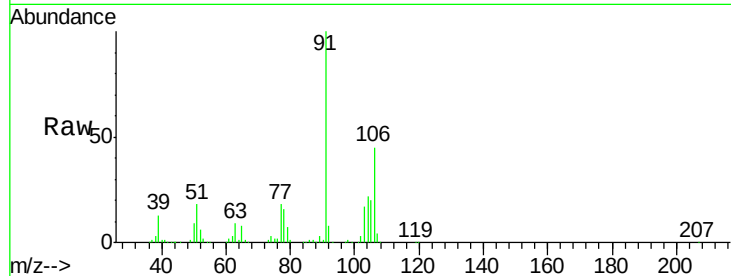
#69
o-Xylene
Concen: 20.62 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003605.D
Acq: 27 Jun 2018 11:39

Instrument :
MSVOA_W
ClientSampled :
VW0627SBS02

Tot Ion:106 Resp: 83156
Ion Ratio Lower Upper
106 100
91 218.5 108.6 325.6

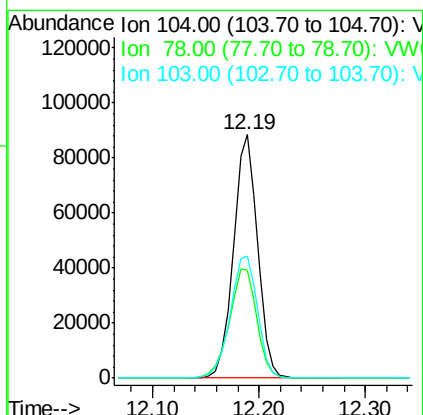
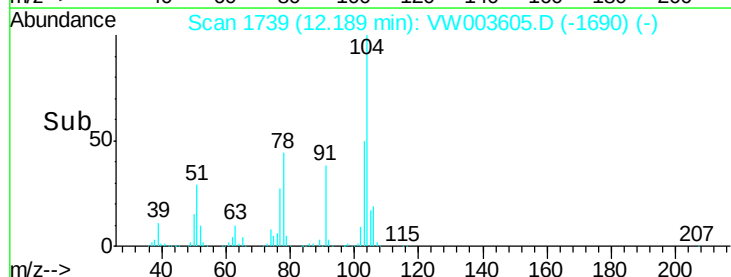
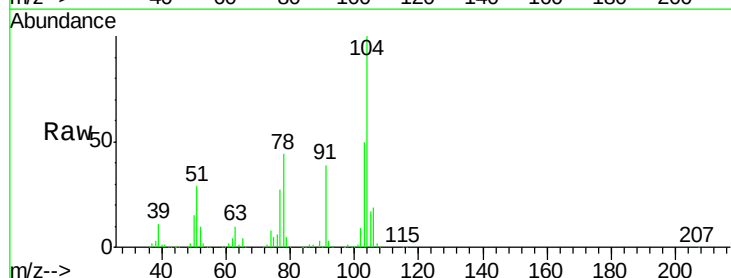
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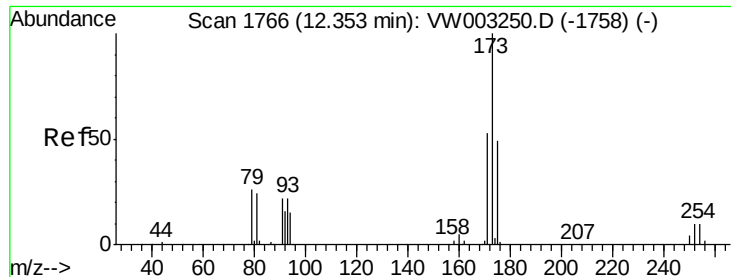
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#70
Styrene
Concen: 20.98 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW003605.D
Acq: 27 Jun 2018 11:39

Tgt Ion:104 Resp: 140847
Ion Ratio Lower Upper
104 100
78 50.9 41.3 61.9
103 56.6 45.0 67.4





#71

Bromoform

Concen: 19.25 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW003605.D

Acq: 27 Jun 2018 11:39

Instrument :

MSVOA_W

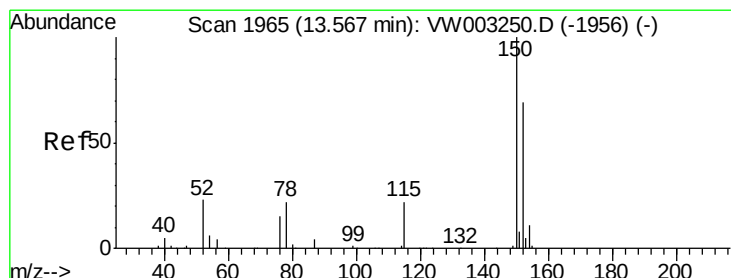
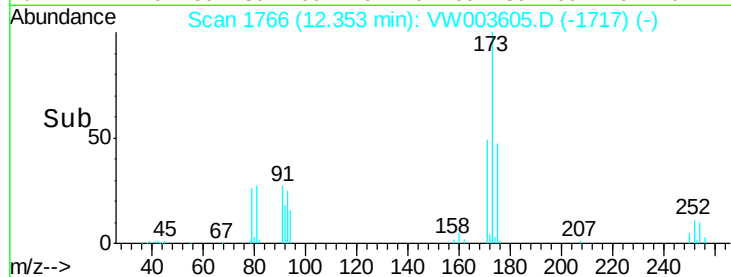
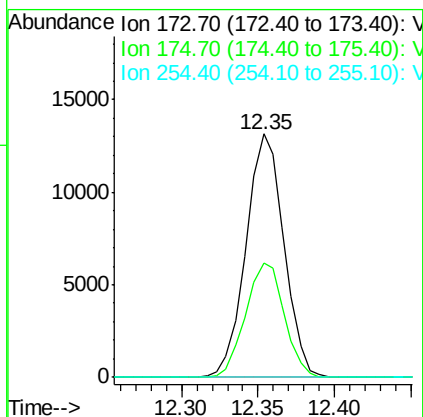
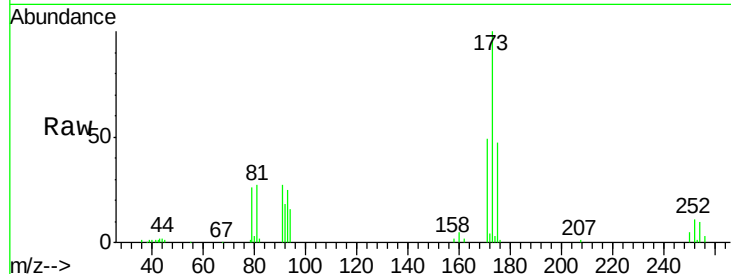
ClientSampleId :

VW0627SBS02

Tot Ion:	173	Resp:	22643
Ion Ratio	Lower	Upper	
173	100		
175	47.8	24.4	73.4
254	0.0	0.1	0.1#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

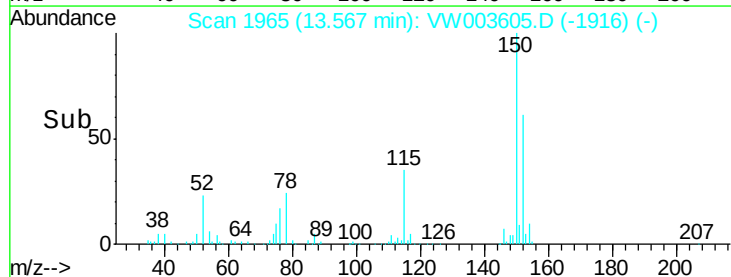
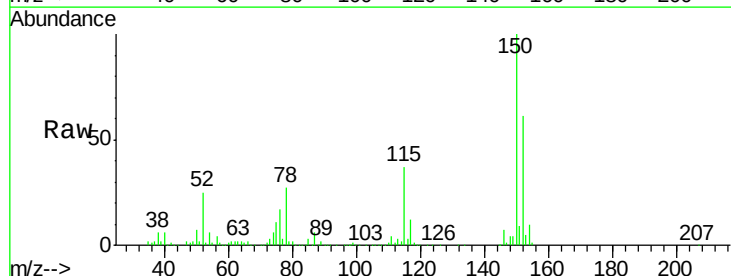
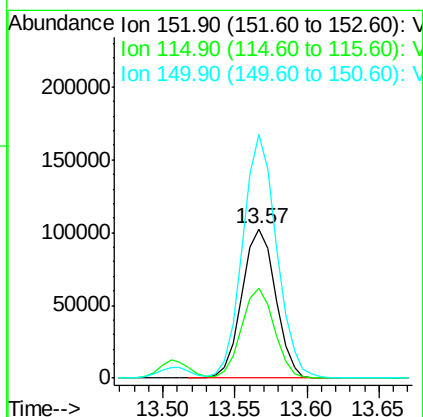
RT: 13.57 min Scan# 1965

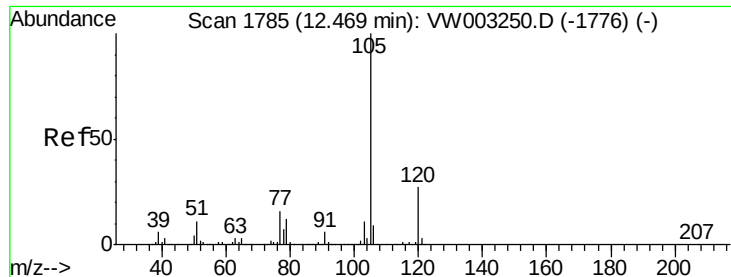
Delta R.T. 0.00 min

Lab File: VW003605.D

Acq: 27 Jun 2018 11:39

Tgt Ion:	152	Resp:	165073
Ion Ratio	Lower	Upper	
152	100		
115	59.1	29.3	88.0
150	165.2	0.0	349.6





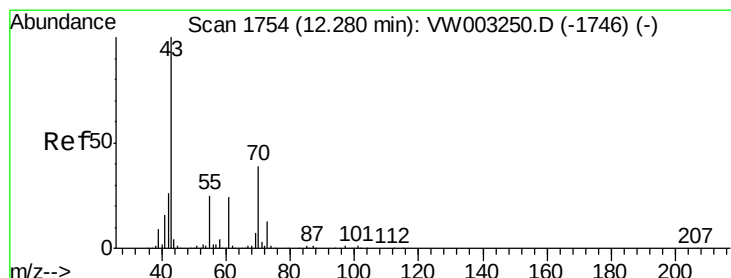
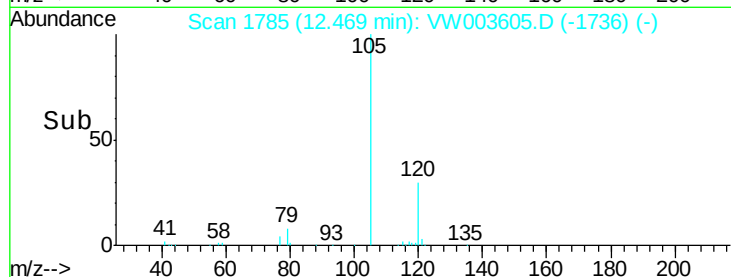
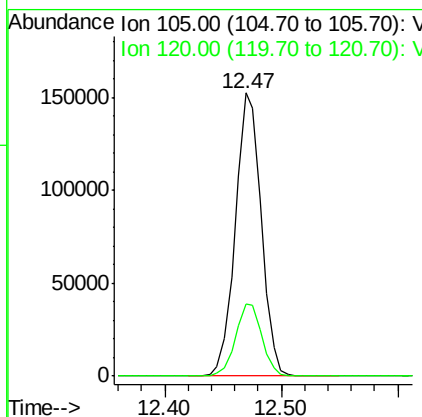
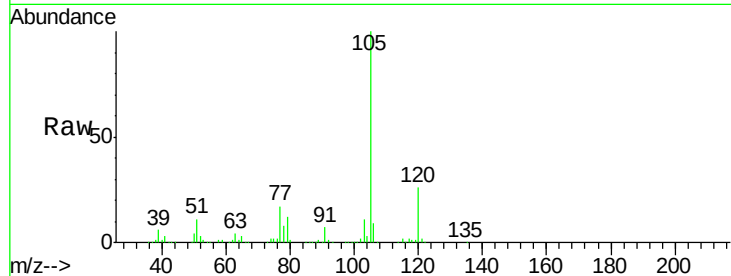
#73
Isopropylbenzene
Concen: 20.51 ug/l
RT: 12.47 min Scan# 1785
Delta R.T. 0.00 min
Lab File: VW003605.D
Acq: 27 Jun 2018 11:39

Instrument :
MSVOA_W
ClientSampleId :
VW0627SBS02

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.0	13.2	39.6

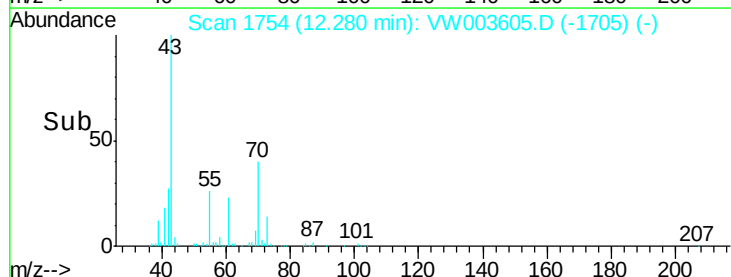
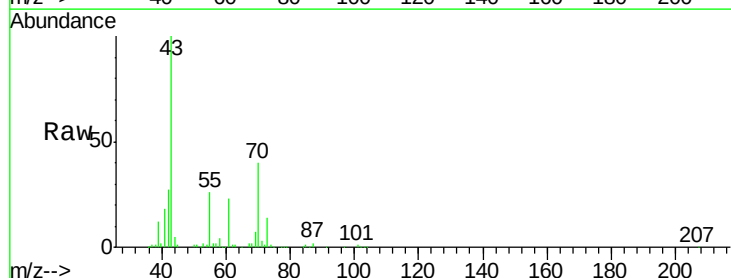
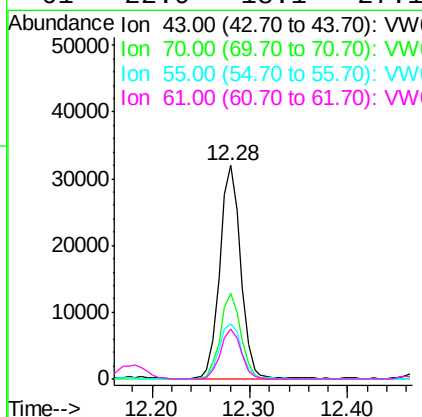
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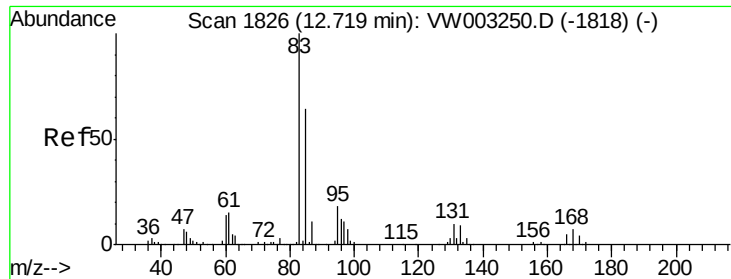
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#74
N-ethyl acetate
Concen: 18.30 ug/l
RT: 12.28 min Scan# 1754
Delta R.T. 0.00 min
Lab File: VW003605.D
Acq: 27 Jun 2018 11:39

Tgt Ion	Ratio	Lower	Upper
43	100		
70	39.2	31.0	46.6
55	27.6	19.7	29.5
61	22.9	18.1	27.1





#75

1,1,2,2-Tetrachloroethane

Concen: 19.78 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW003605.D

Acq: 27 Jun 2018 11:39

Instrument :

MSVOA_W

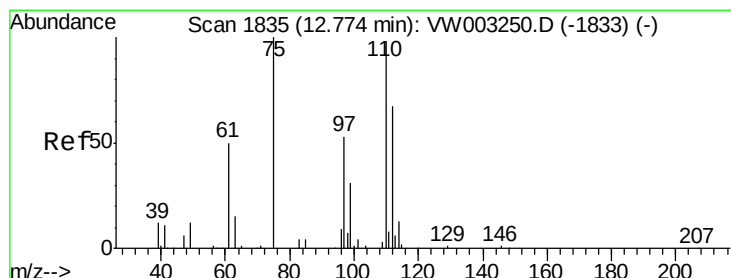
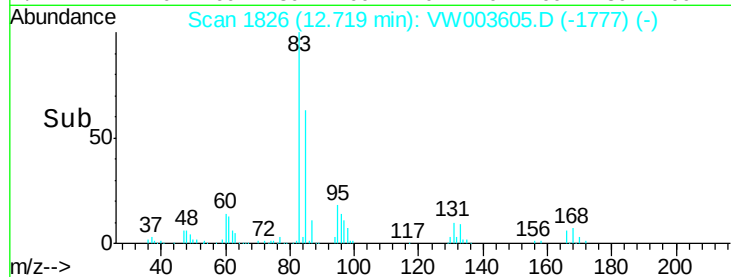
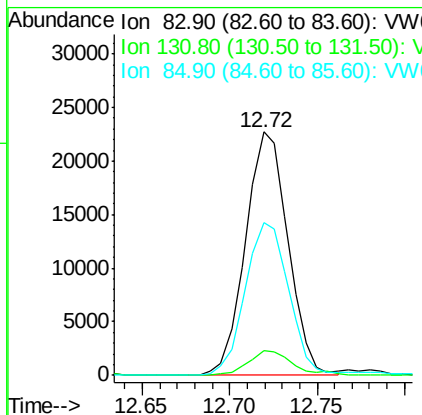
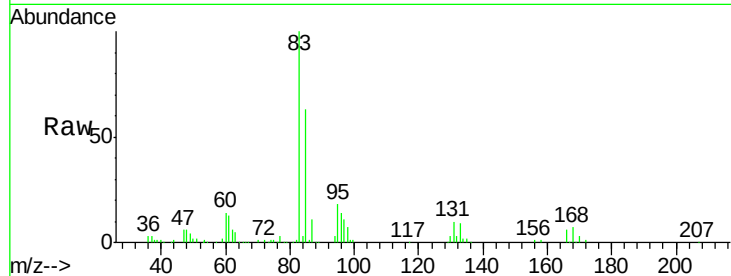
ClientSampleId :

VW0627SBS02

Tot Ion:	83	Resp:	38419
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.4	16.2
85	64.2	31.9	95.7

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#76

1,2,3-Trichloropropane

Concen: 19.99 ug/l m

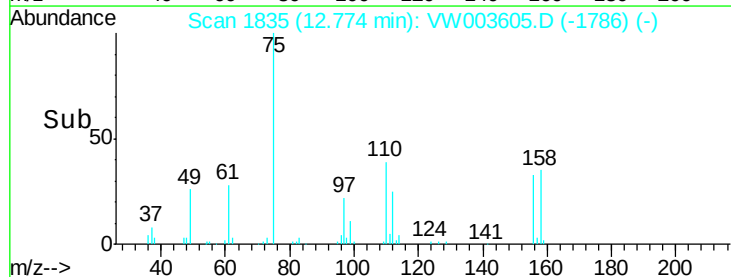
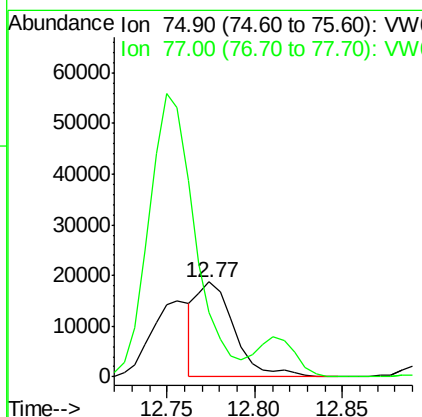
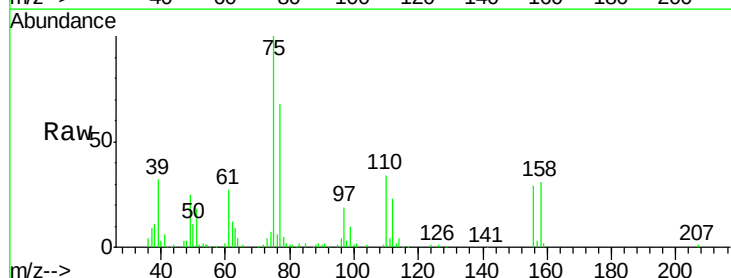
RT: 12.77 min Scan# 1835

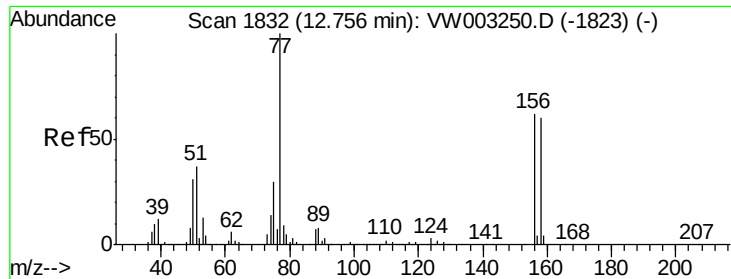
Delta R.T. 0.00 min

Lab File: VW003605.D

Acq: 27 Jun 2018 11:39

Tgt Ion:	75	Resp:	28208
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.23 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VW003605.D

Acq: 27 Jun 2018 11:39

Instrument :

MSVOA_W

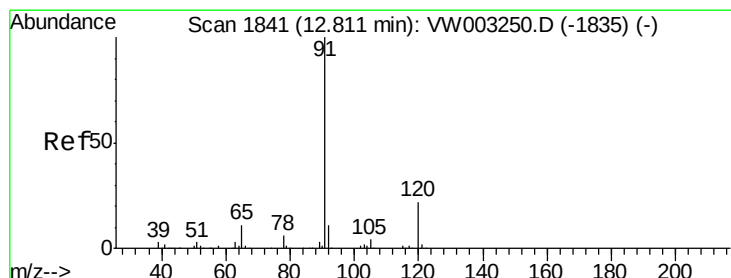
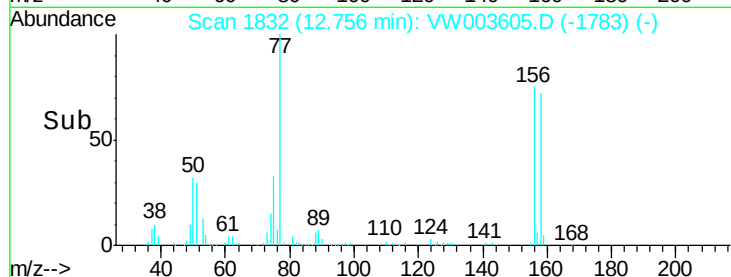
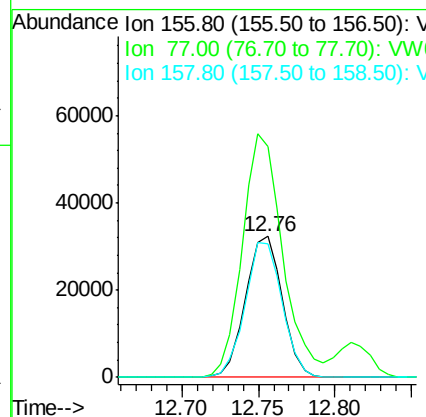
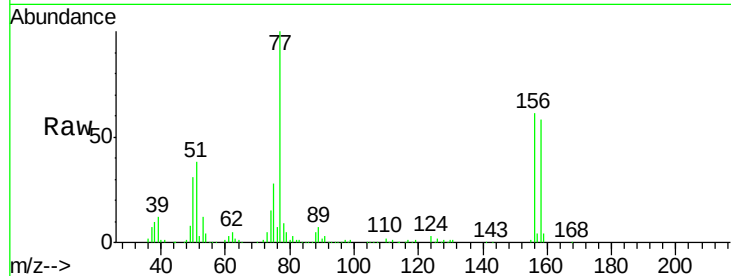
ClientSampleId :

VW0627SBS02

Tot Ion	Ratio	Lower	Upper
156	100		
77	189.4	92.3	276.9
158	96.7	47.5	142.6

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#78

n-propylbenzene

Concen: 21.08 ug/l

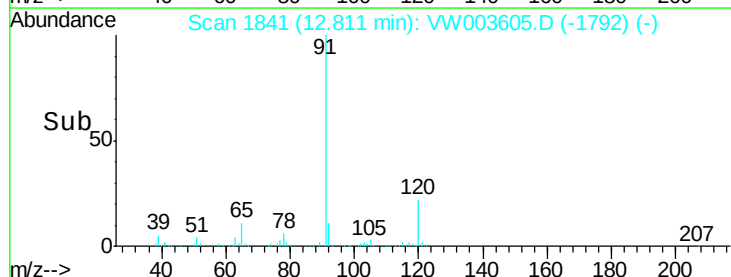
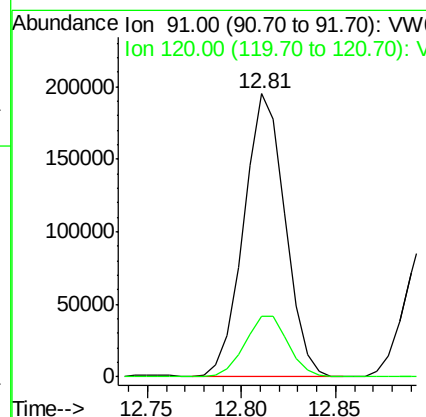
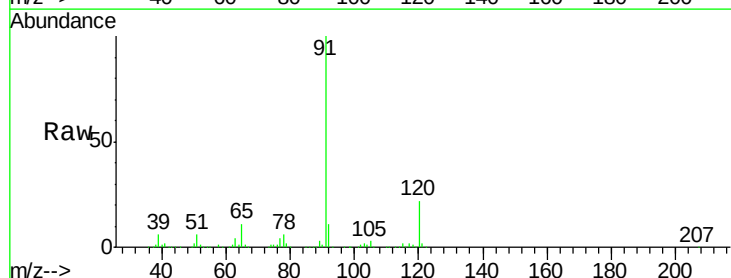
RT: 12.81 min Scan# 1841

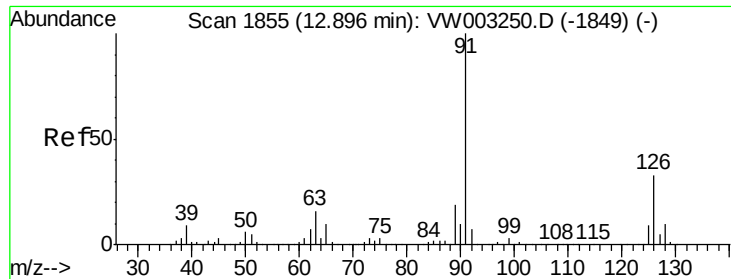
Delta R.T. 0.00 min

Lab File: VW003605.D

Acq: 27 Jun 2018 11:39

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.5	11.3	33.8





#79

2-Chlorotoluene

Concen: 20.91 ug/l

RT: 12.90 min Scan# 1856

Delta R.T. 0.01 min

Lab File: VW003605.D

Acq: 27 Jun 2018 11:39

Instrument :

MSVOA_W

ClientSampled :

VW0627SBS02

Tot Ion: 91 Resp: 166117

Ion Ratio Lower Upper

91 100

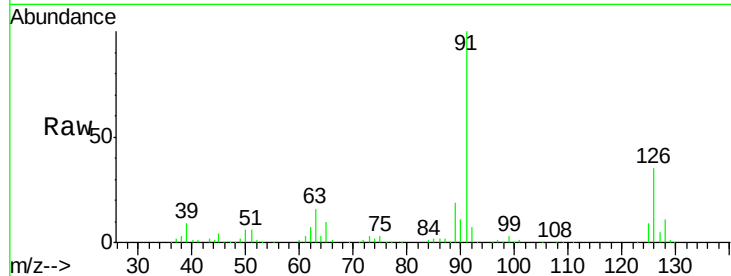
126 33.9 16.8 50.4

Manual Integrations

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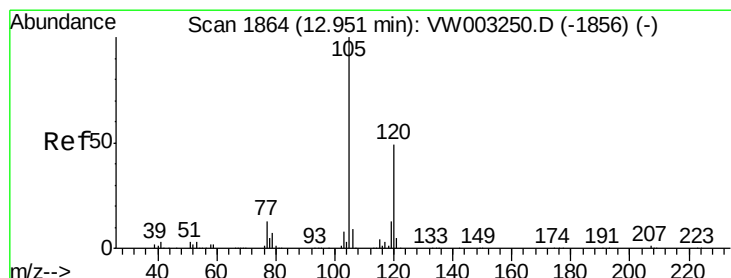
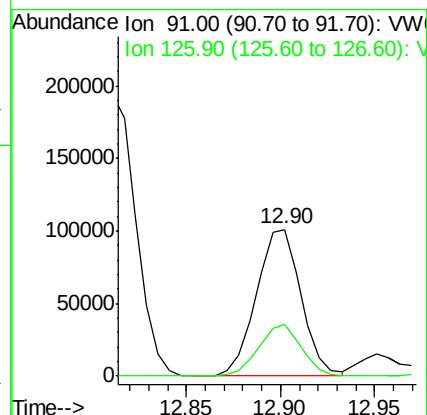
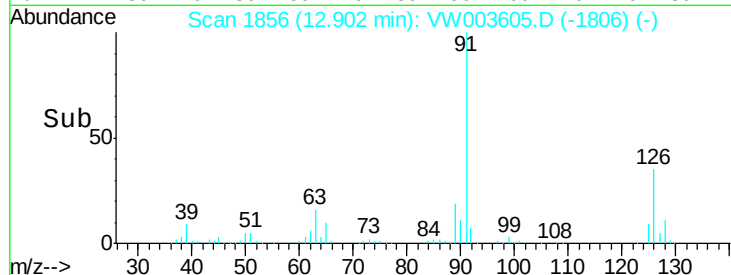
apatel

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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: 21.28 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW003605.D

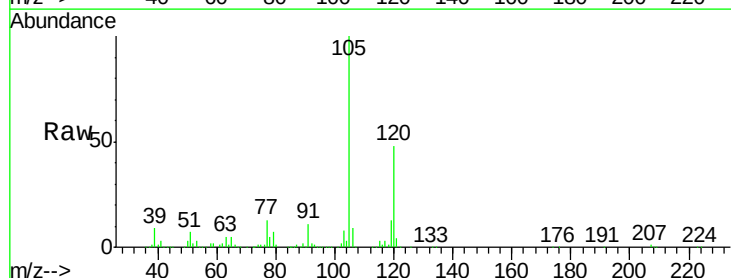
Acq: 27 Jun 2018 11:39

Tgt Ion:105 Resp: 205059

Ion Ratio Lower Upper

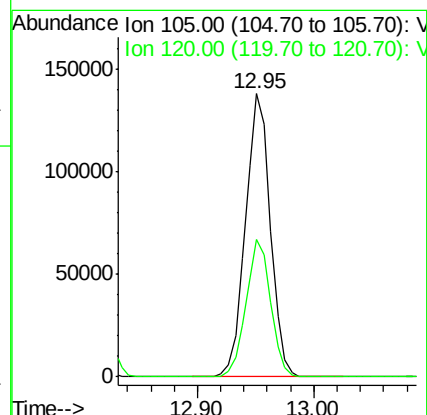
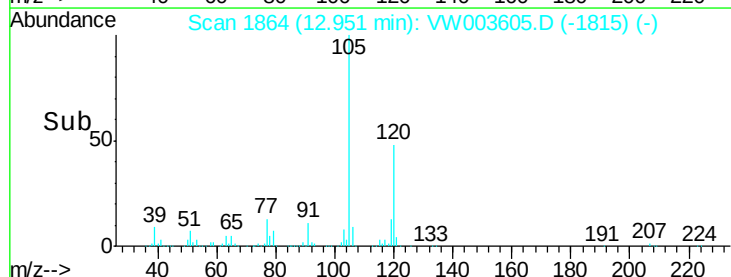
105 100

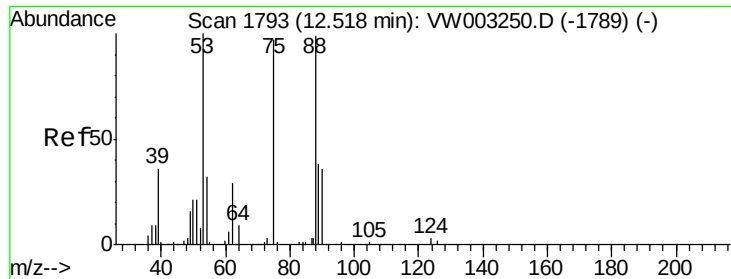
120 48.2 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





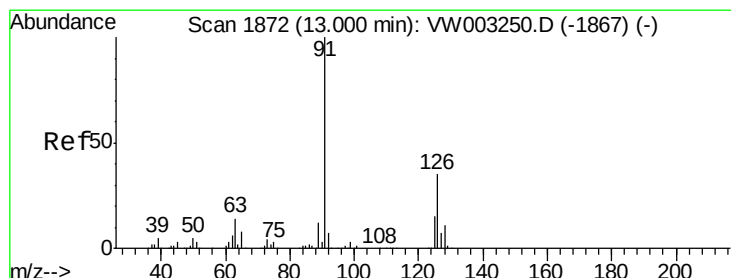
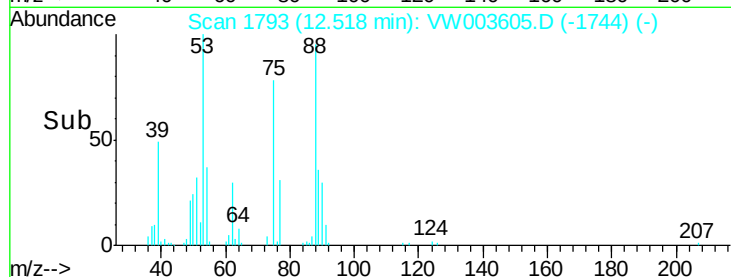
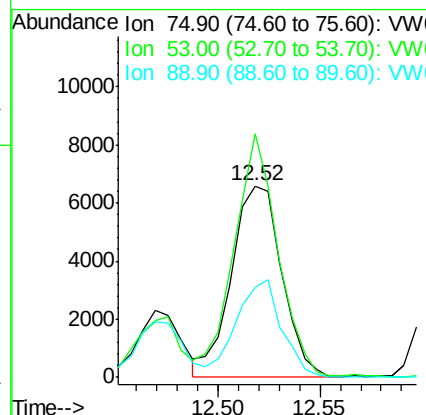
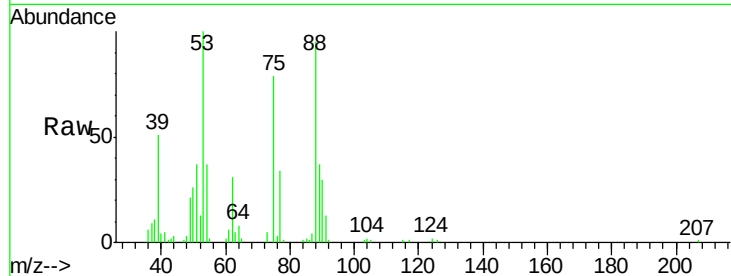
#81
trans-1,4-Dichloro-2-butene
Concen: 18.41 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VW003605.D
Acq: 27 Jun 2018 11:39

Instrument :
MSVOA_W
ClientSampled :
VW0627SBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	108.6	82.9	124.3
89	45.7	36.7	55.1

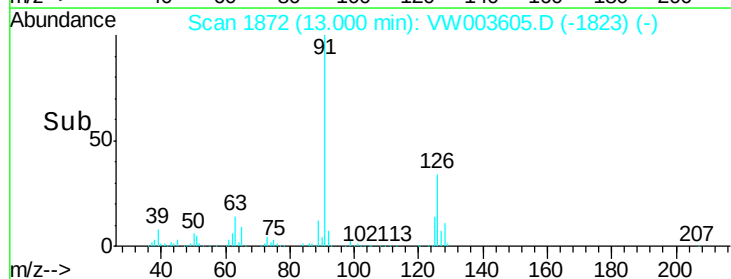
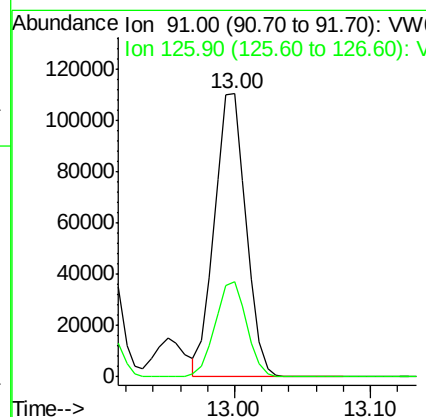
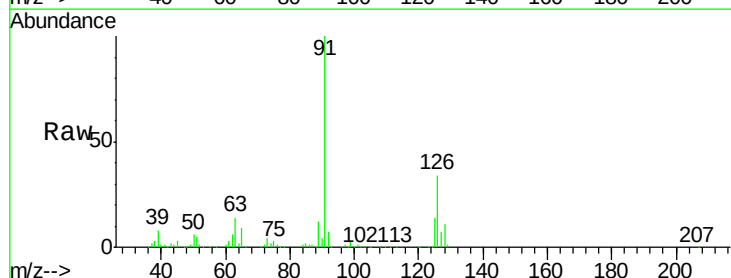
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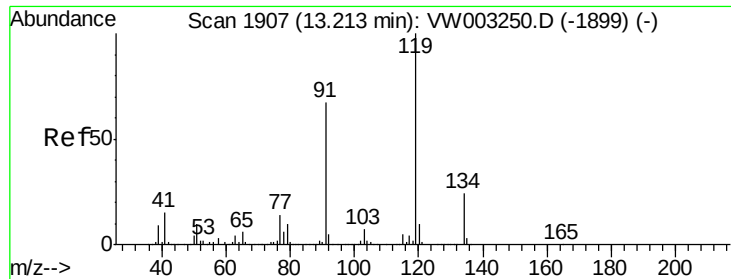
apatel
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#82
4-Chlorotoluene
Concen: 21.00 ug/l
RT: 13.00 min Scan# 1872
Delta R.T. 0.00 min
Lab File: VW003605.D
Acq: 27 Jun 2018 11:39

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.6	16.8	50.3





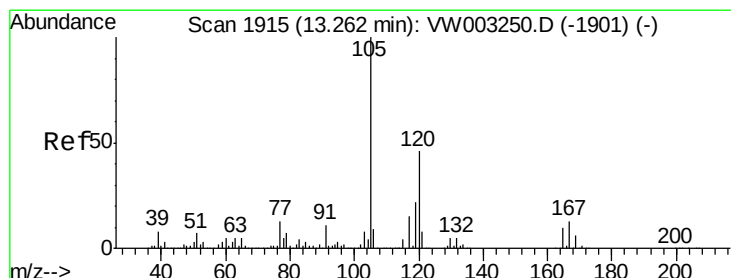
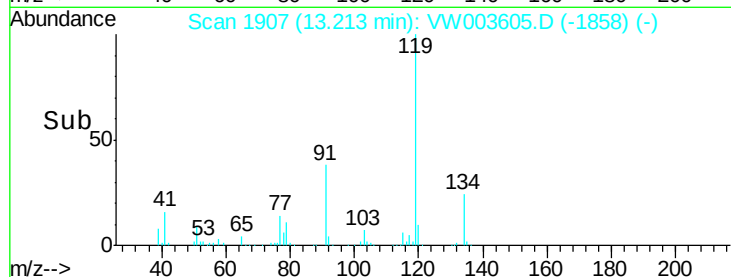
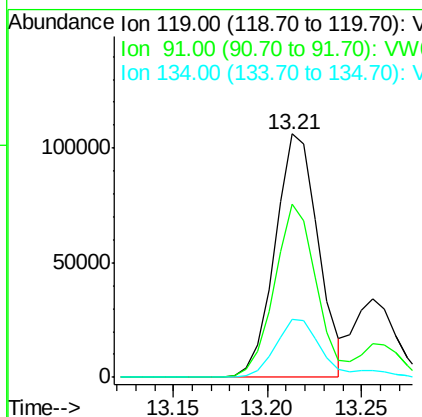
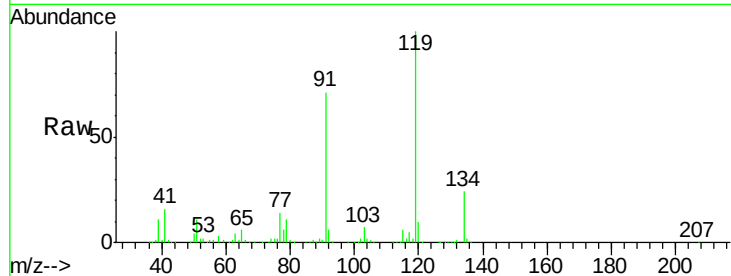
#83
 tert-Butylbenzene
 Concen: 20.52 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VW003605.D
 Acq: 27 Jun 2018 11:39

Instrument :
 MSVOA_W
 ClientSampled :
 VW0627SBS02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	168538		
91	69.6	33.9	101.7	
134	24.3	13.4	40.1	

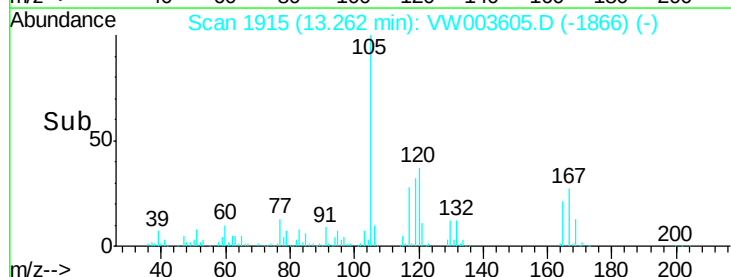
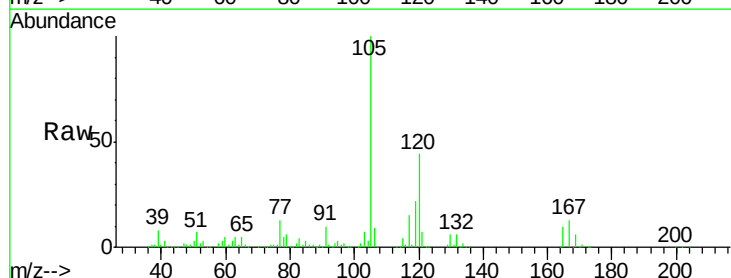
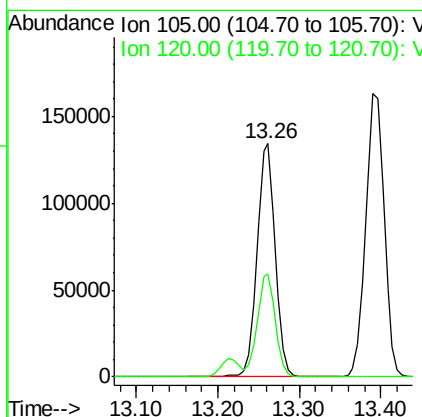
Manual Integrations
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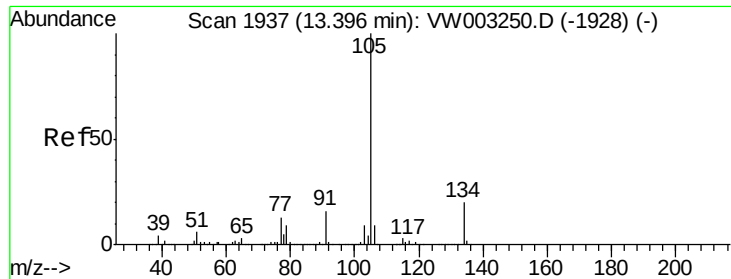
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#84
 1,2,4-Trimethylbenzene
 Concen: 21.35 ug/l
 RT: 13.26 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW003605.D
 Acq: 27 Jun 2018 11:39

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	211695		
120	43.8	22.5	67.5	





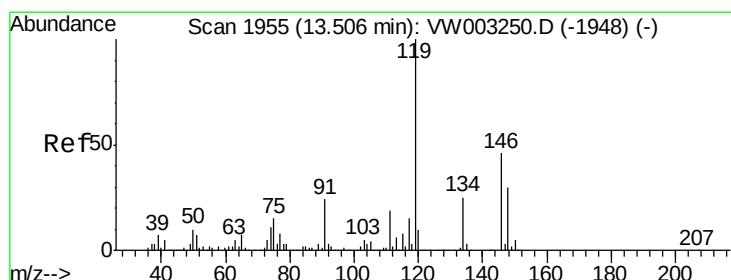
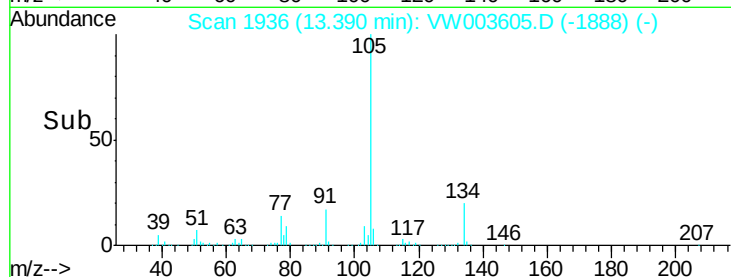
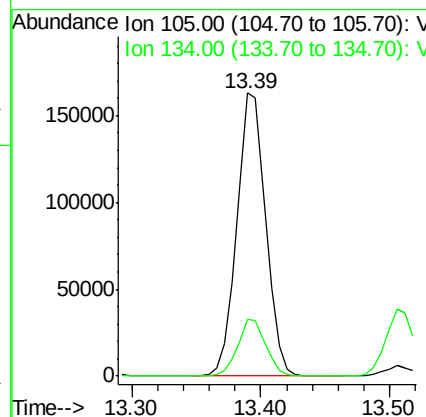
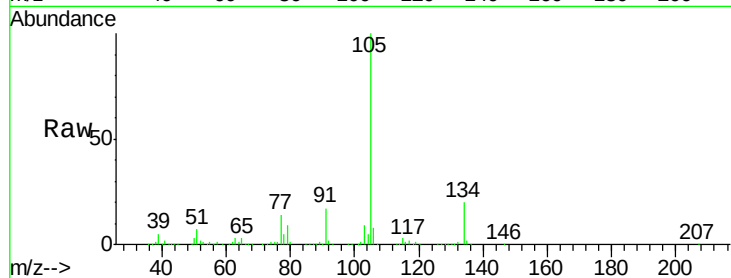
#85
 sec-Butylbenzene
 Concen: 20.77 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: VW003605.D
 Acq: 27 Jun 2018 11:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0627SBS02

Tot Ion	Ratio	Resp	Lower	Upper
105	100	253554		
134	19.6	9.8	29.5	

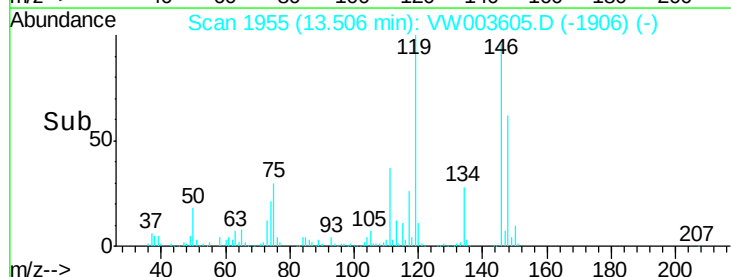
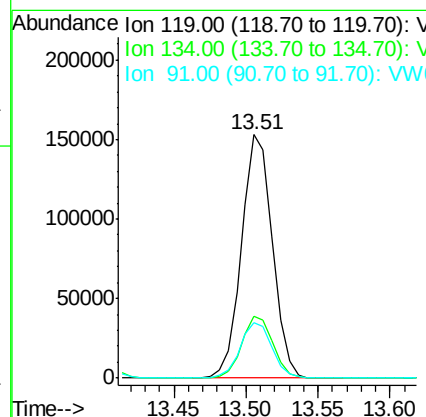
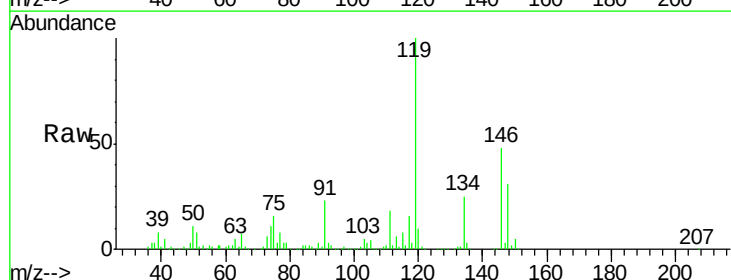
Manual Integrations
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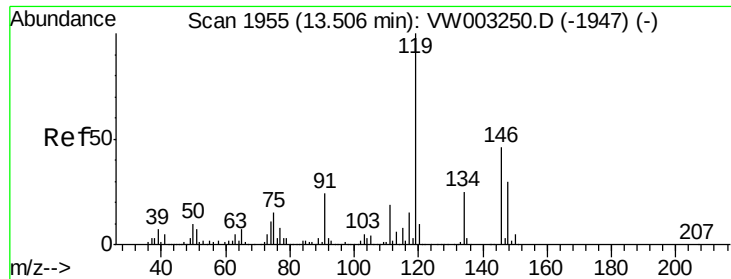
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#86
 p-Isopropyltoluene
 Concen: 21.11 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003605.D
 Acq: 27 Jun 2018 11:39

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	227284		
134	25.6	12.9	38.7	
91	23.4	11.8	35.3	





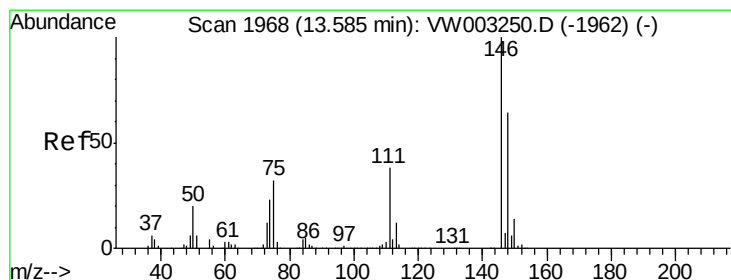
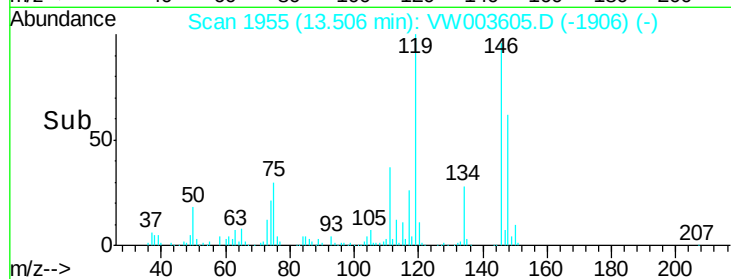
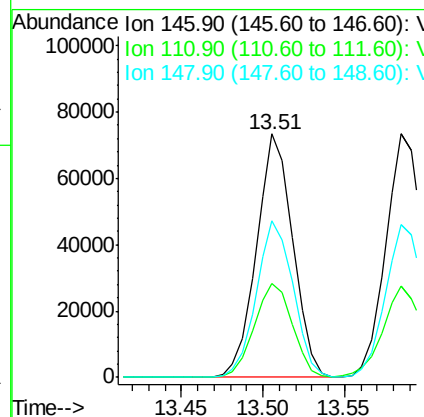
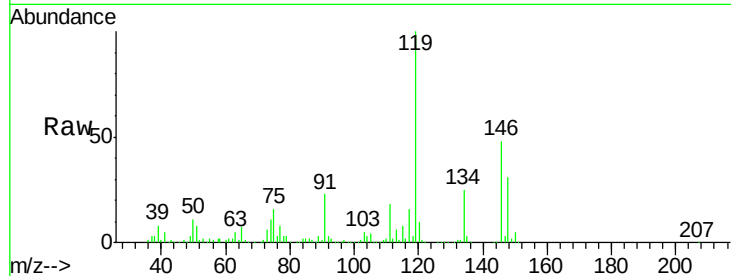
#87
 1,3-Dichlorobenzene
 Concen: 20.72 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003605.D
 Acq: 27 Jun 2018 11:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0627SBS02

Tot Ion	Ratio	Resp	Lower	Upper
146	100	113820		
111	40.2	19.8	59.4	
148	65.1	32.1	96.5	

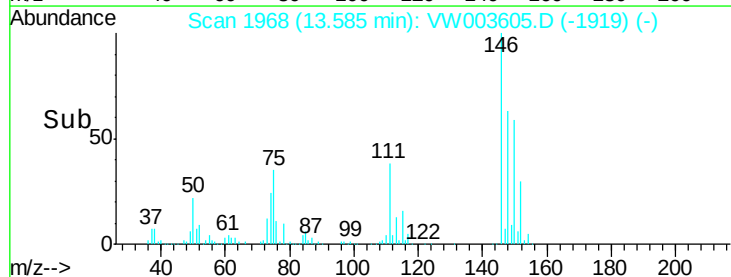
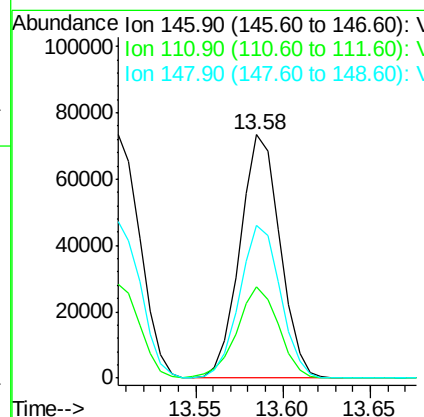
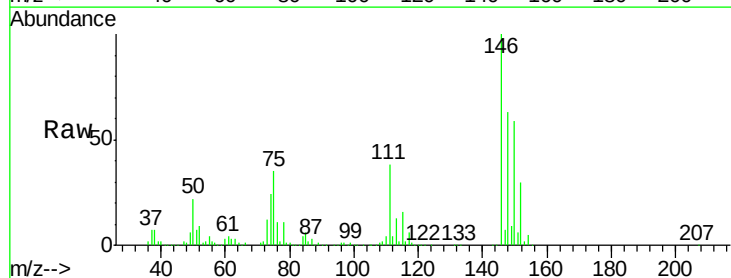
Manual Integrations
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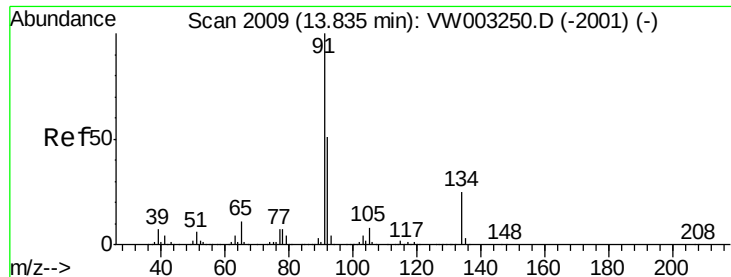
apatel
 6/28/2018 12:35:14 PM



#88
 1,4-Dichlorobenzene
 Concen: 21.41 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW003605.D
 Acq: 27 Jun 2018 11:39

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	116915		
111	39.1	19.2	57.6	
148	64.0	31.8	95.4	





#89

n-Butylbenzene

Concen: 21.15 ug/l

RT: 13.83 min Scan# 2009

Delta R.T. 0.00 min

Lab File: VW003605.D

Acq: 27 Jun 2018 11:39

Instrument :

MSVOA_W

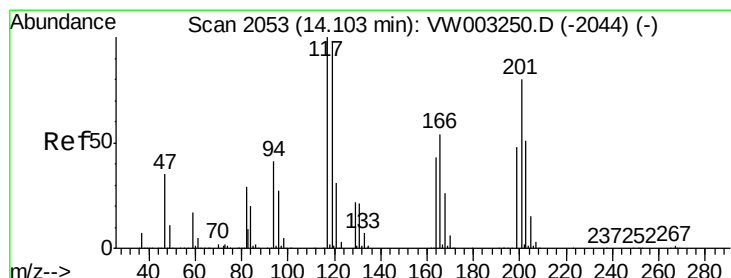
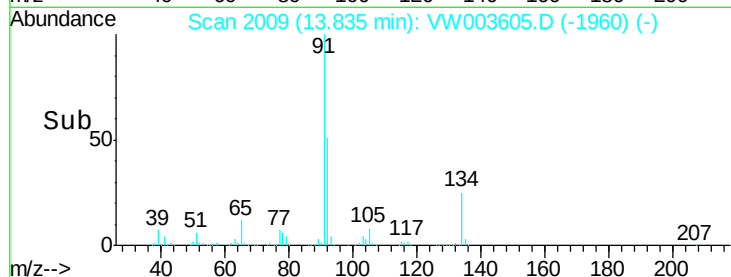
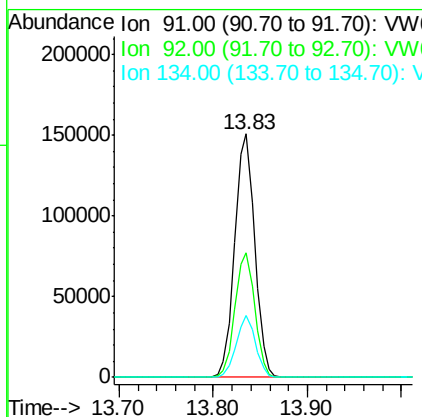
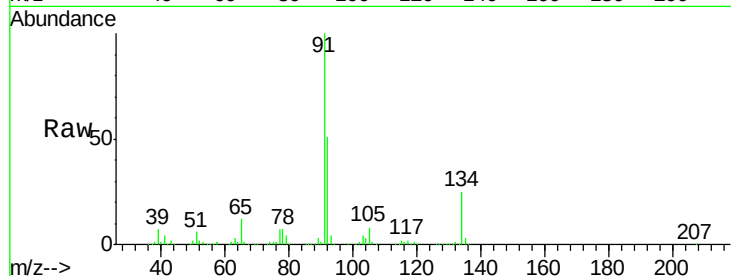
ClientSampleId :

VW0627SBS02

Tot Ion:	91	Resp:	222005
Ion Ratio	Lower	Upper	
91	100		
92	50.9	26.0	78.0
134	24.6	12.7	38.0

Manual Integrations
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#90

Hexachloroethane

Concen: 20.78 ug/l

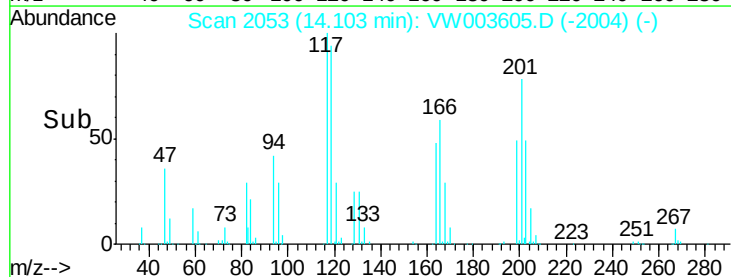
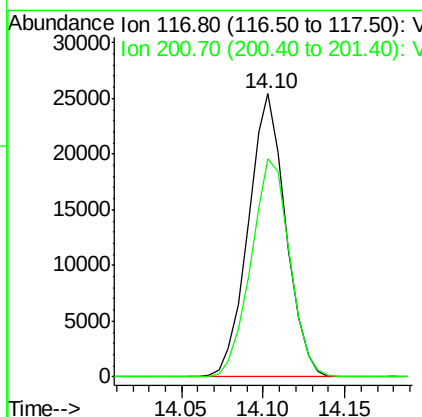
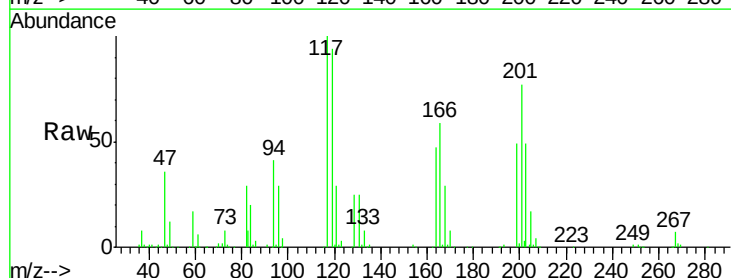
RT: 14.10 min Scan# 2053

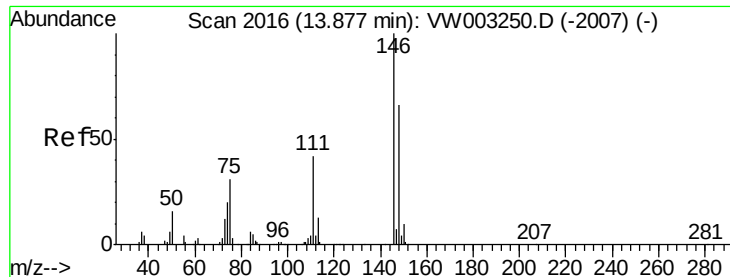
Delta R.T. 0.00 min

Lab File: VW003605.D

Acq: 27 Jun 2018 11:39

Tgt Ion:	117	Resp:	40477
Ion Ratio	Lower	Upper	
117	100		
201	79.6	39.5	118.5





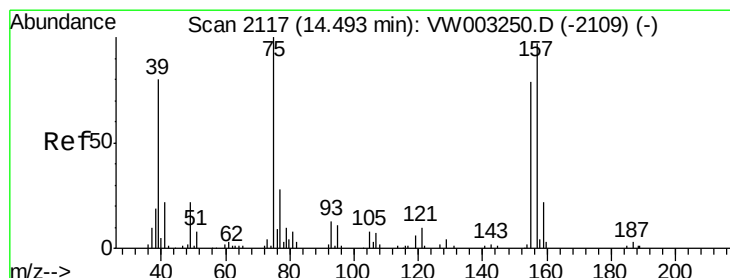
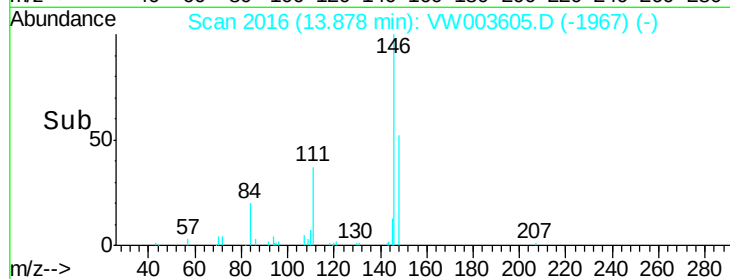
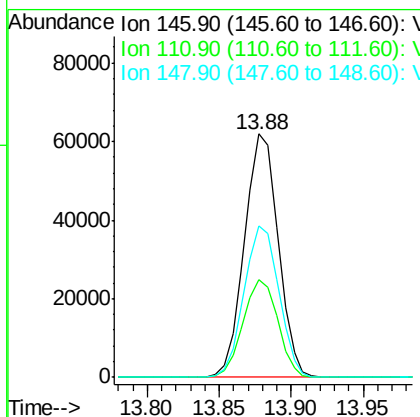
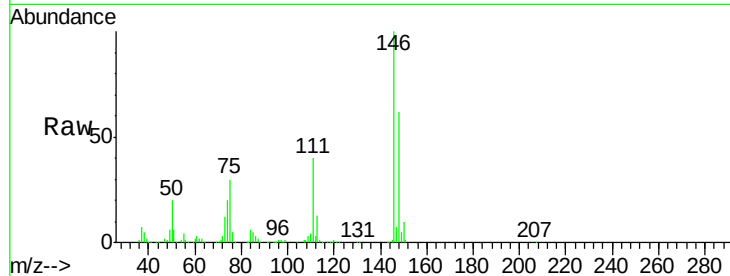
#91
 1,2-Dichlorobenzene
 Concen: 20.90 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW003605.D
 Acq: 27 Jun 2018 11:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0627SBS02

Tot Ion	Ratio	Resp	Lower	Upper
146	100	100558		
111	41.3		20.3	61.0
148	64.0		32.3	96.9

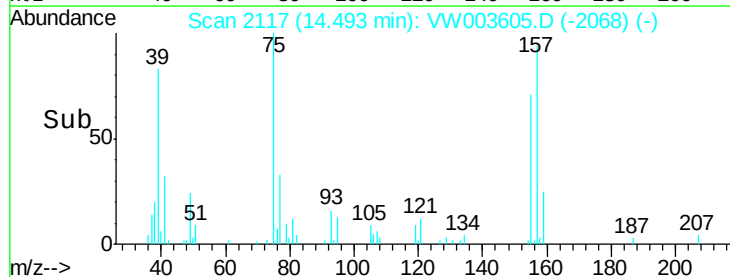
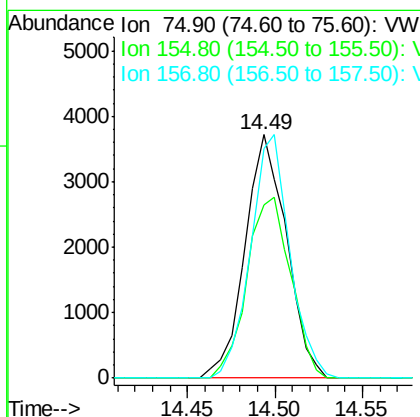
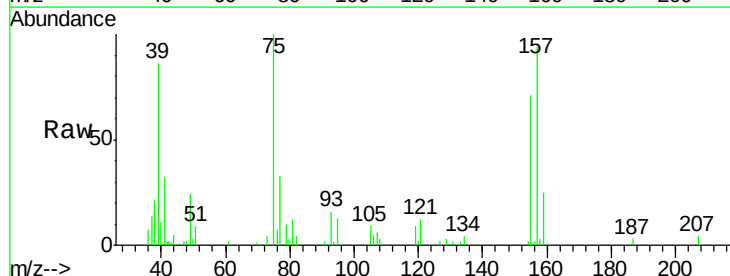
Manual Integrations
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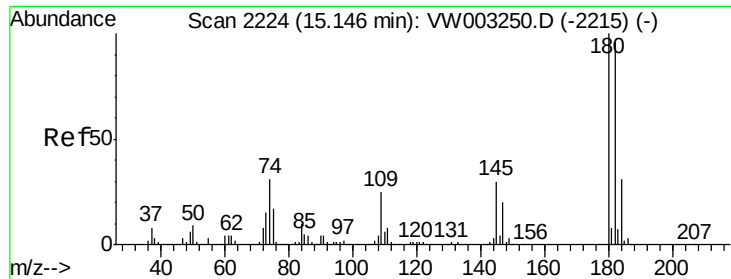
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.69 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW003605.D
 Acq: 27 Jun 2018 11:39

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	6109		
155	78.5		39.4	118.2
157	94.7		51.5	154.5





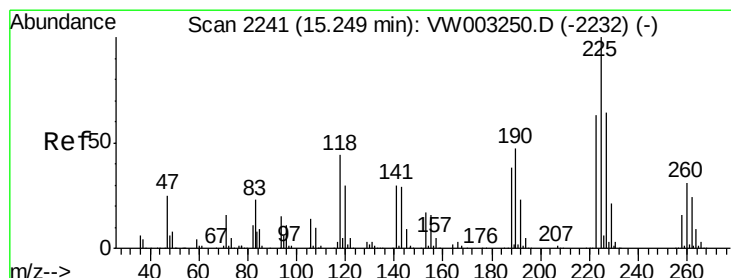
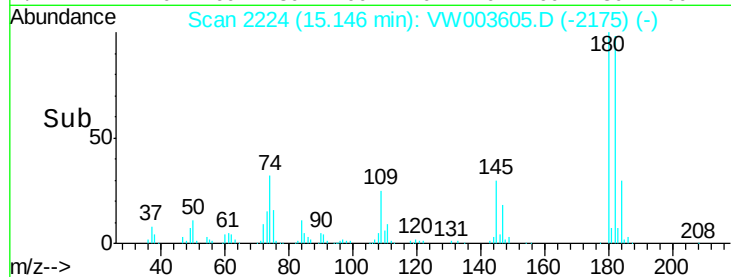
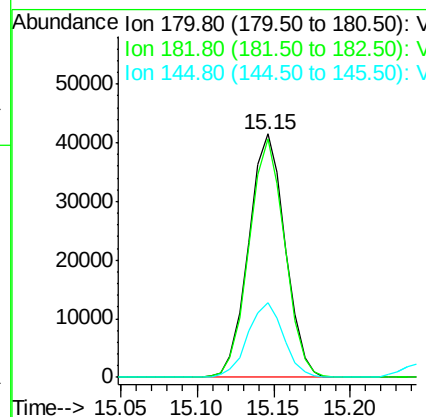
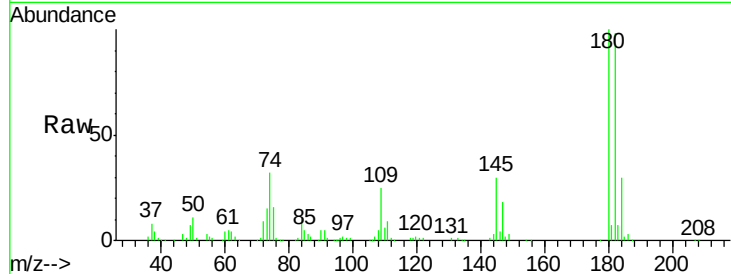
#93
 1,2,4-Trichlorobenzene
 Concen: 20.36 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW003605.D
 Acq: 27 Jun 2018 11:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0627SBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	68790		
182	95.8	47.9	143.6	
145	30.1	15.2	45.5	

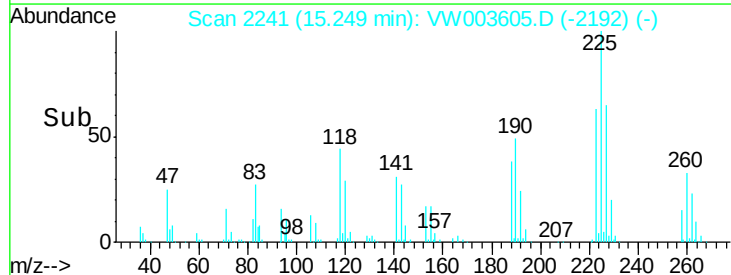
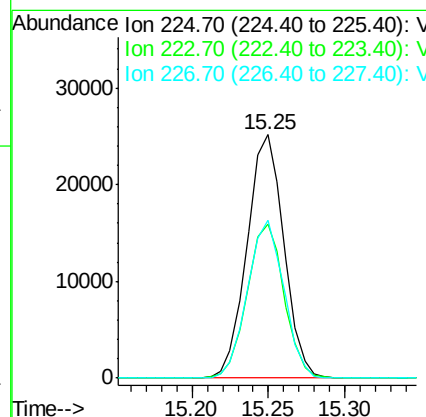
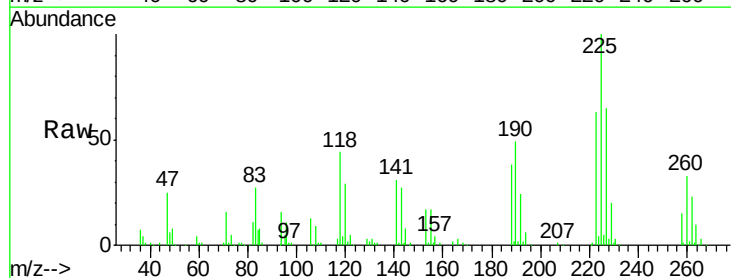
Manual Integrations
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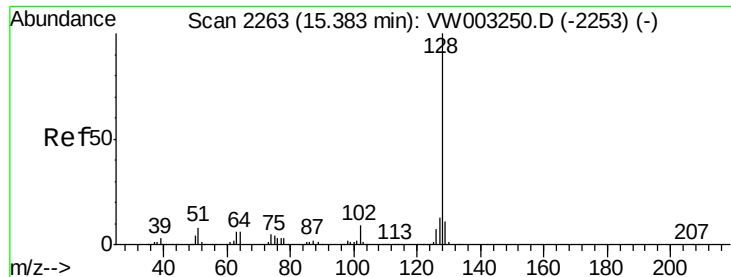
apatel
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#94
 Hexachlorobutadiene
 Concen: 20.73 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: VW003605.D
 Acq: 27 Jun 2018 11:39

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	42119		
223	63.2	30.6	92.0	
227	64.3	31.7	95.1	





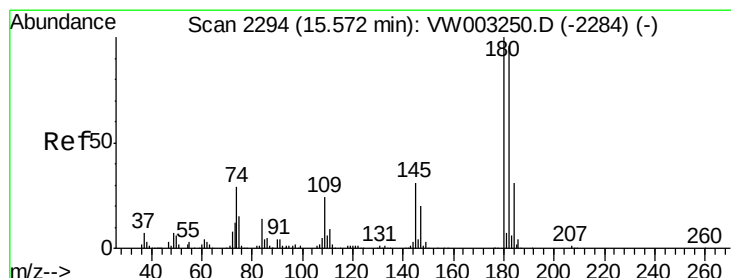
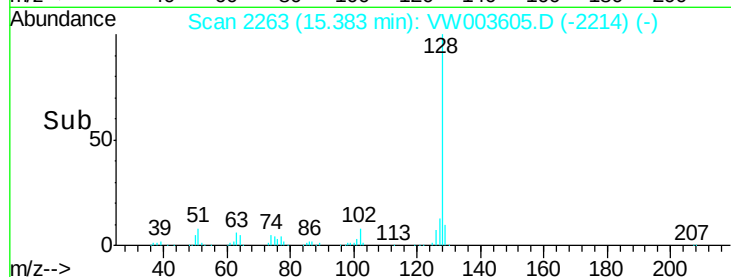
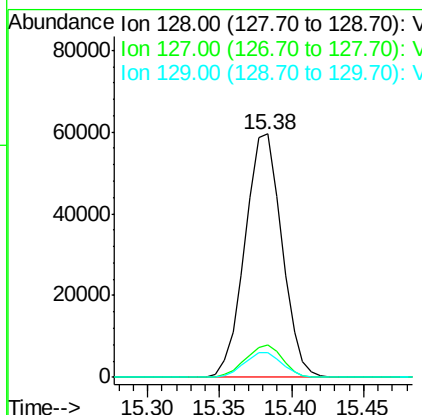
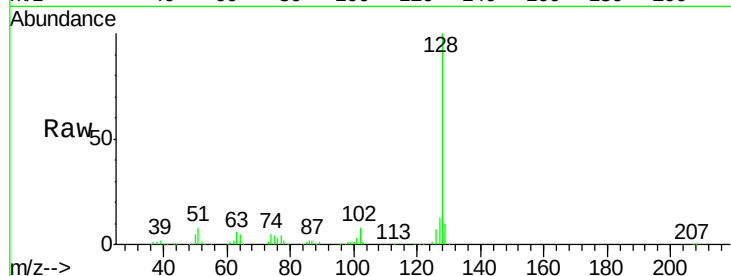
#95
Naphthalene
Concen: 18.46 ug/l
RT: 15.38 min Scan# 2263
Delta R.T. 0.00 min
Lab File: VW003605.D
Acq: 27 Jun 2018 11:39

Instrument :
MSVOA_W
ClientSampleId :
VW0627SBS02

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.5	15.7
129	10.6	8.9	13.3

Manual Integrations
APPROVED

apatel
6/28/2018 12:35:14 PM



#96
1,2,3-Trichlorobenzene
Concen: 19.71 ug/l
RT: 15.57 min Scan# 2294
Delta R.T. 0.00 min
Lab File: VW003605.D
Acq: 27 Jun 2018 11:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.9	143.6
145	31.7	15.8	47.4

