

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062718\
 Data File : VW003606.D
 Acq On : 27 Jun 2018 12:05
 Operator : SY/AP
 Sample : VW0627SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0627SBS02

Manual Integrations
 APPROVED

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 6/28/2018 12:35:17 PM

Quant Time: Jun 27 14:13:19 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	218420	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	335037	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	309234	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	165766	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	120326	50.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.72%	
35) Dibromofluoromethane	7.88	113	107507	51.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.28%	
50) Toluene-d8	10.33	98	435320	52.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.46%	
62) 4-Bromofluorobenzene	12.62	95	154291	52.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	16275	24.65	ug/l	84
3) Chloromethane	2.21	50	35482	21.27	ug/l	95
4) Vinyl Chloride	2.36	62	51649	21.24	ug/l	95
5) Bromomethane	2.78	94	30703	18.99	ug/l	95
6) Chloroethane	2.92	64	34221	20.21	ug/l	98
7) Trichlorofluoromethane	3.25	101	34698	23.81	ug/l	94
8) Diethyl Ether	3.68	74	23379	21.84	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.06	101	44164	21.83	ug/l	98
10) Methyl Iodide	4.26	142	65208	21.31	ug/l	100
11) Tert butyl alcohol	5.23	59	13218m	104.18	ug/l	
12) 1,1-Dichloroethene	4.03	96	43289	21.89	ug/l	95
13) Acrolein	3.90	56	12278	67.68	ug/l	94
14) Allyl chloride	4.66	41	73492	21.46	ug/l	98
15) Acrylonitrile	5.38	53	47383	107.59	ug/l	98
16) Acetone	4.15	43	57310	115.50	ug/l	97
17) Carbon Disulfide	4.37	76	126234	21.60	ug/l	98
18) Methyl Acetate	4.68	43	23412	19.89	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	78294	21.14	ug/l	96
20) Methylene Chloride	4.91	84	57025	25.24	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	46010	21.38	ug/l	98
22) Diisopropyl ether	6.32	45	151218	21.94	ug/l	98
23) Vinyl Acetate	6.26	43	423878	106.71	ug/l	99
24) 1,1-Dichloroethane	6.21	63	90475	22.11	ug/l	99
25) 2-Butanone	7.19	43	67697	109.72	ug/l	99
26) 2,2-Dichloropropane	7.17	77	60512	22.16	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	50564	21.39	ug/l	98
28) Bromochloromethane	7.52	49	33752	19.82	ug/l	96
29) Tetrahydrofuran	7.54	42	39556	104.90	ug/l	98
30) Chloroform	7.68	83	91494	21.95	ug/l	96
31) Cyclohexane	7.95	56	82035	21.46	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	75944	22.07	ug/l	99
36) 1,1-Dichloropropene	8.09	75	72657	22.46	ug/l	99
37) Ethyl Acetate	7.26	43	29786	22.22	ug/l	99
38) Carbon Tetrachloride	8.07	117	71021	22.38	ug/l	97

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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	80892	21.61	ug/l	96
40) Benzene	8.33	78	200170	22.44	ug/l	98
41) Methacrylonitrile	7.49	41	17611	21.41	ug/l	96
42) 1,2-Dichloroethane	8.40	62	62810	22.48	ug/l	100
43) Isopropyl Acetate	8.43	43	56345	21.17	ug/l	98
44) Trichloroethene	9.09	130	51620	21.84	ug/l	97
45) 1,2-Dichloropropane	9.37	63	51301	22.59	ug/l	99
46) Dibromomethane	9.46	93	24730	21.27	ug/l	98
47) Bromodichloromethane	9.65	83	65649	22.03	ug/l	99
48) Methyl methacrylate	9.45	41	27978	22.37	ug/l	92
49) 1,4-Dioxane	9.50	88	6786	386.58	ug/l	86
51) 4-Methyl-2-Pentanone	10.22	43	148610	109.58	ug/l	99
52) Toluene	10.39	92	128099	22.40	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	64638	21.23	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	73924	21.34	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	35998	21.97	ug/l	96
56) Ethyl methacrylate	10.65	69	41915	21.07	ug/l	99
57) 1,3-Dichloropropane	10.94	76	62108	21.98	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	96451	108.15	ug/l	99
59) 2-Hexanone	10.98	43	109486	115.56	ug/l	99
60) Dibromochloromethane	11.13	129	41350	21.22	ug/l	99
61) 1,2-Dibromoethane	11.24	107	33436	21.58	ug/l	100
64) Tetrachloroethene	10.87	164	44191	21.37	ug/l	96
65) Chlorobenzene	11.66	112	138453	21.50	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	48064	21.24	ug/l	99
67) Ethyl Benzene	11.74	91	246263	21.57	ug/l	99
68) m/p-Xylenes	11.85	106	188930	43.54	ug/l	100
69) o-Xylene	12.17	106	85750	21.32	ug/l	98
70) Styrene	12.19	104	145157	21.69	ug/l	100
71) Bromoform	12.35	173	23888	20.37	ug/l #	96
73) Isopropylbenzene	12.47	105	246435	21.37	ug/l	99
74) N-amyl acetate	12.28	43	54022	20.59	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	42952	22.02	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	31005m	21.88	ug/l	
77) Bromobenzene	12.76	156	55989	20.85	ug/l	96
78) n-propylbenzene	12.81	91	309169	21.90	ug/l	100
79) 2-Chlorotoluene	12.90	91	172267	21.59	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	212857	21.99	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	12498	20.29	ug/l	96
82) 4-Chlorotoluene	12.99	91	183772	21.71	ug/l	99
83) tert-Butylbenzene	13.21	119	175898	21.33	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	218980	22.00	ug/l	100
85) sec-Butylbenzene	13.39	105	267102	21.79	ug/l	100
86) p-Isopropyltoluene	13.51	119	235197	21.75	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	119602	21.68	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	118772	21.66	ug/l	99
89) n-Butylbenzene	13.83	91	233764	22.18	ug/l	99
90) Hexachloroethane	14.10	117	42593	21.78	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	105217	21.78	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7166	21.83	ug/l	94

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MSVOA_W
ClientSampleId :
VW0627SBSD02

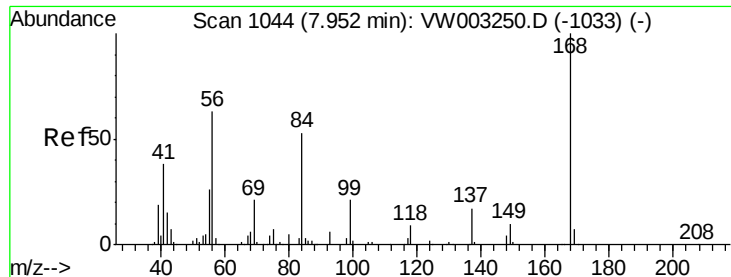
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	72170	21.28	ug/l	100
94) Hexachlorobutadiene	15.25	225	43866	21.50	ug/l	98
95) Naphthalene	15.38	128	116566	20.26	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	62633	20.98	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: VW003606.D

Acq: 27 Jun 2018 12:05

Instrument :

MSVOA_W

ClientSampleId :

VW0627SBS02

Tot Ion:168 Resp: 218420

Ion Ratio Lower Upper

168 100

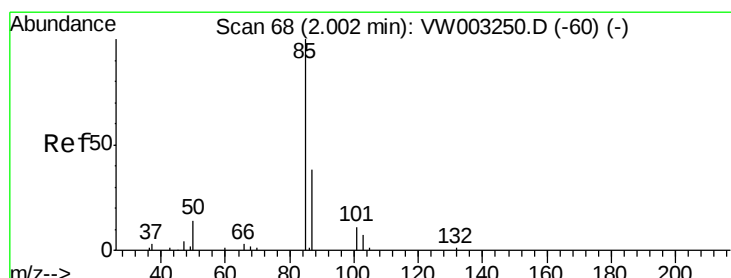
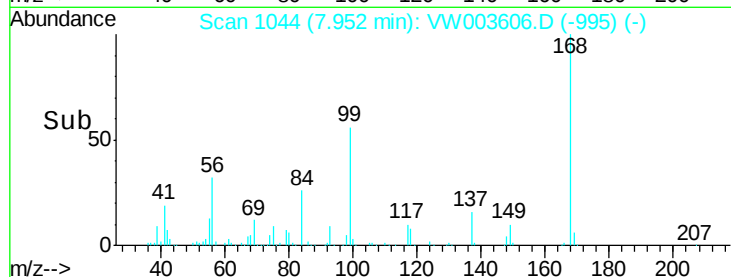
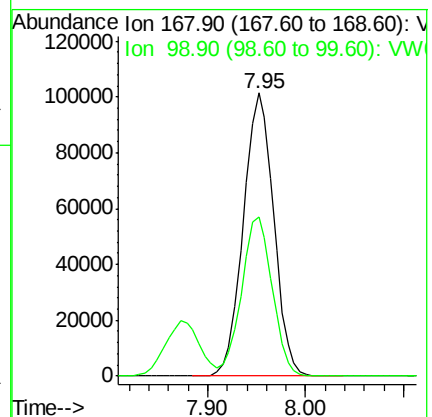
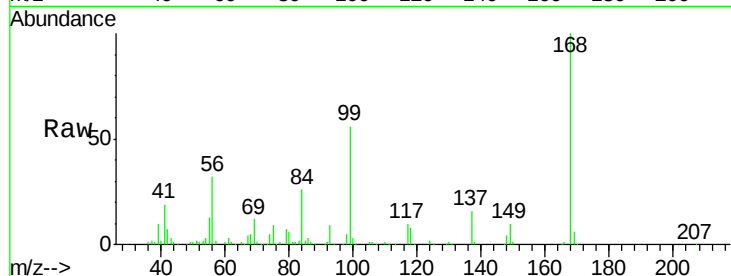
99 56.2 45.5 68.3

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 24.65 ug/l

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW003606.D

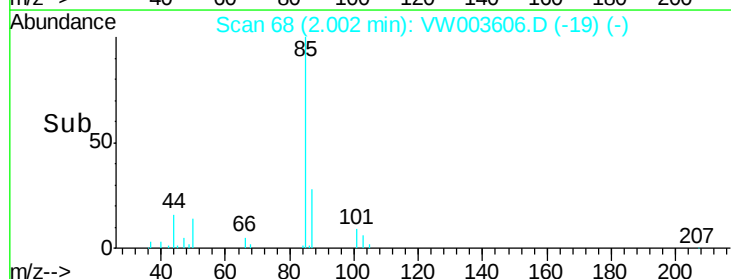
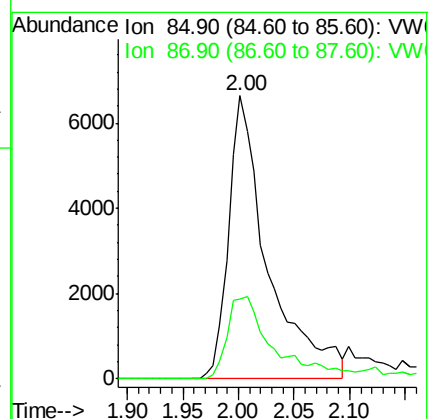
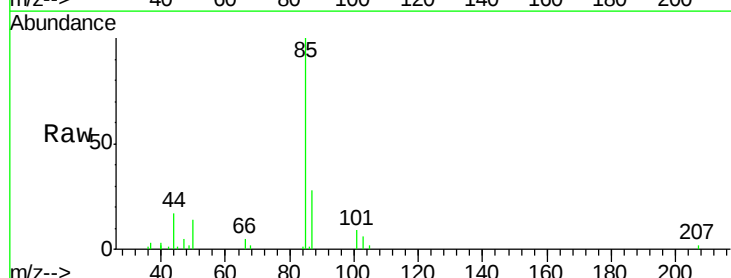
Acq: 27 Jun 2018 12:05

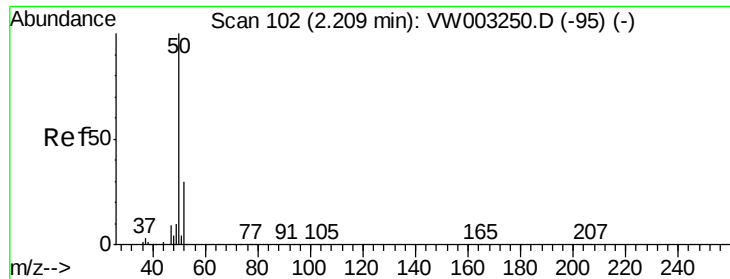
Tgt Ion: 85 Resp: 16275

Ion Ratio Lower Upper

85 100

87 28.2 18.9 56.7





#3

Chloromethane

Concen: 21.27 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW003606.D

Acq: 27 Jun 2018 12:05

Instrument :

MSVOA_W

ClientSampleId :

VW0627SBSD02

Tot Ion: 50 Resp: 35482

Ion Ratio Lower Upper

50 100

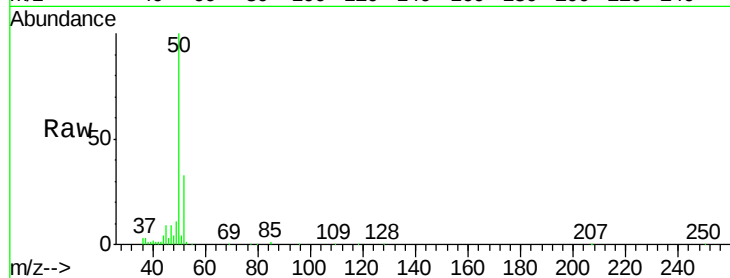
52 32.7 24.2 36.2

Manual Integrations

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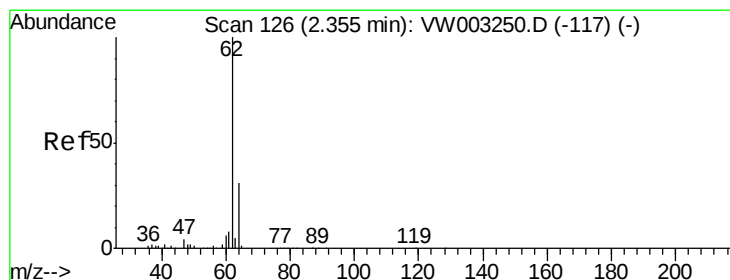
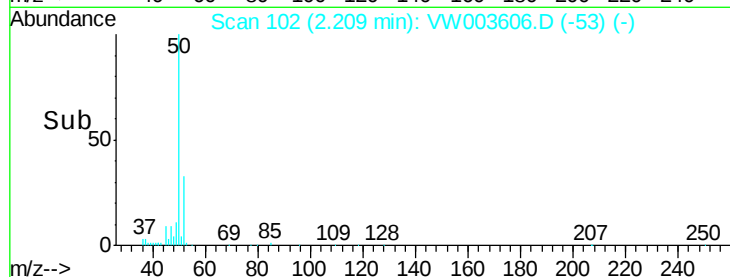
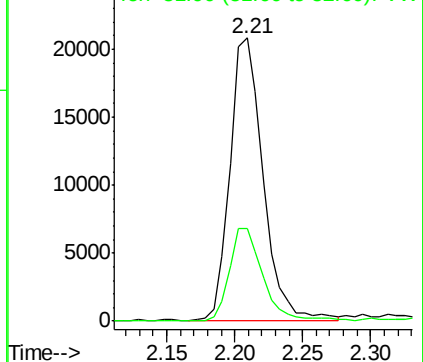
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Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 21.24 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW003606.D

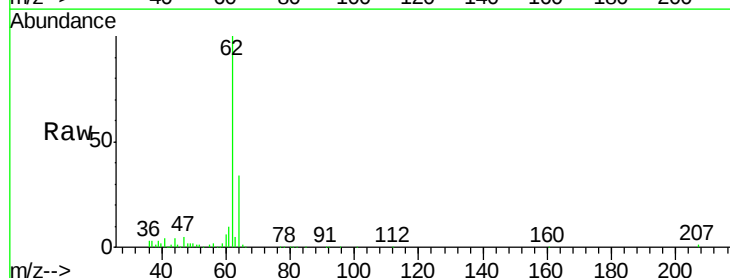
Acq: 27 Jun 2018 12:05

Tgt Ion: 62 Resp: 51649

Ion Ratio Lower Upper

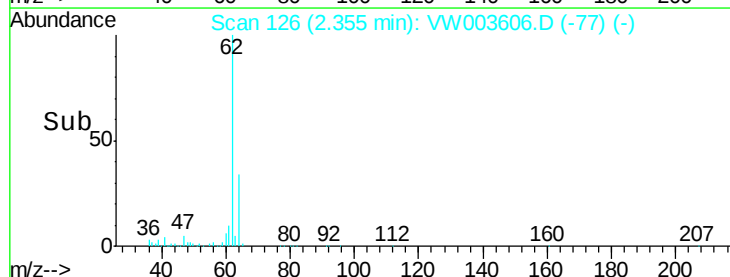
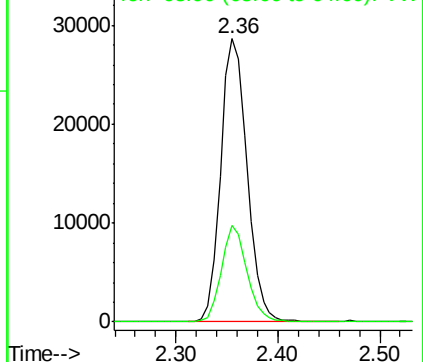
62 100

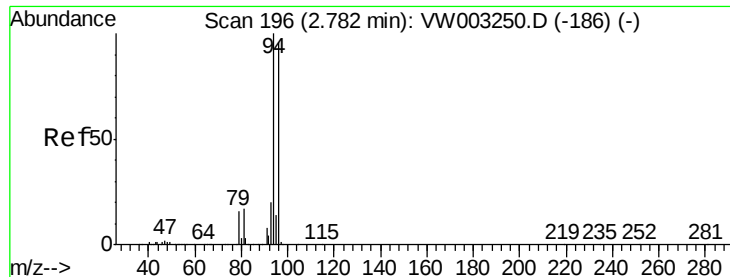
64 33.9 24.9 37.3



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 18.99 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.00 min

Lab File: VW003606.D

Acq: 27 Jun 2018 12:05

Instrument :

MSVOA_W

ClientSampleId :

VW0627SBS02

Tot Ion: 94 Resp: 30703

Ion Ratio Lower Upper

94 100

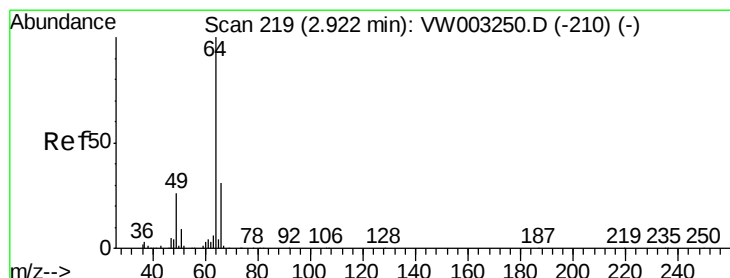
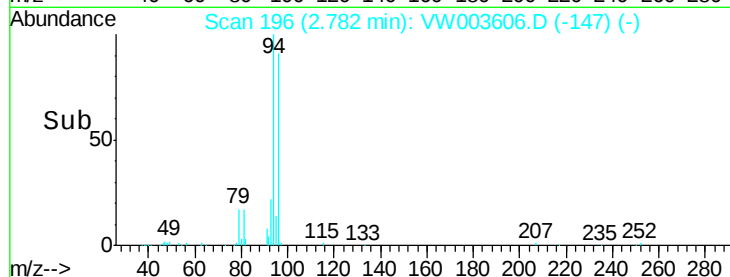
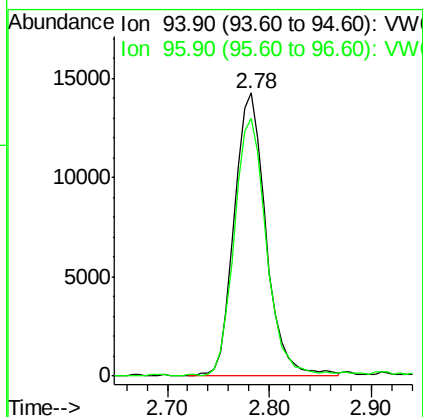
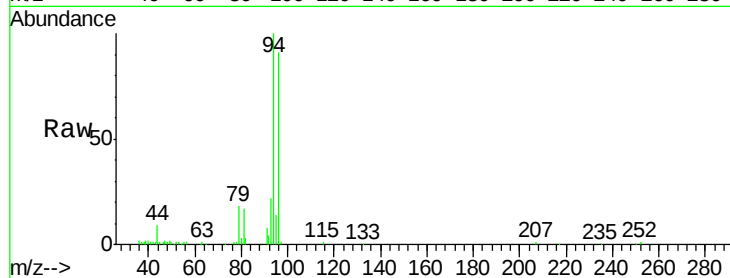
96 90.7 76.5 114.7

Manual Integrations

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#6

Chloroethane

Concen: 20.21 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.00 min

Lab File: VW003606.D

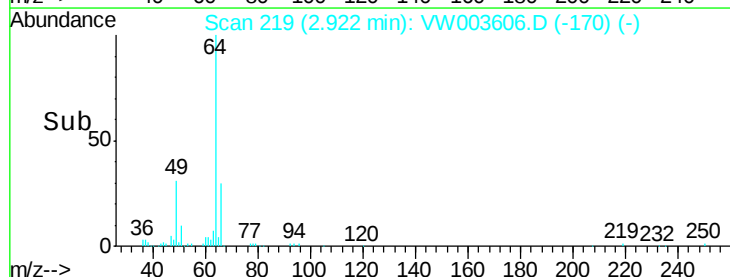
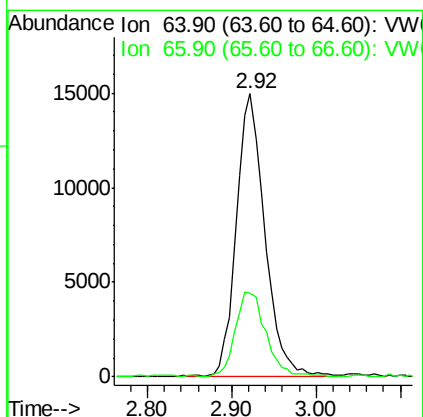
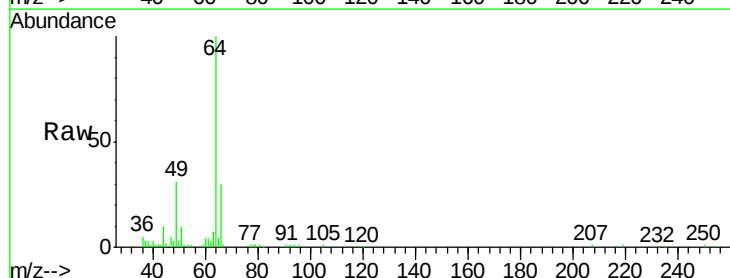
Acq: 27 Jun 2018 12:05

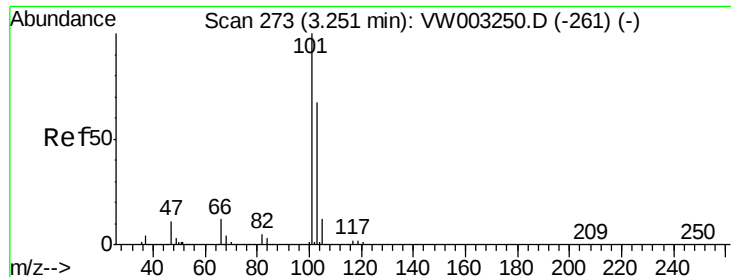
Tgt Ion: 64 Resp: 34221

Ion Ratio Lower Upper

64 100

66 29.6 24.4 36.6





#7

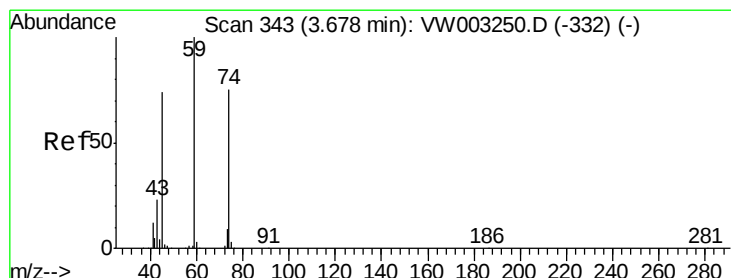
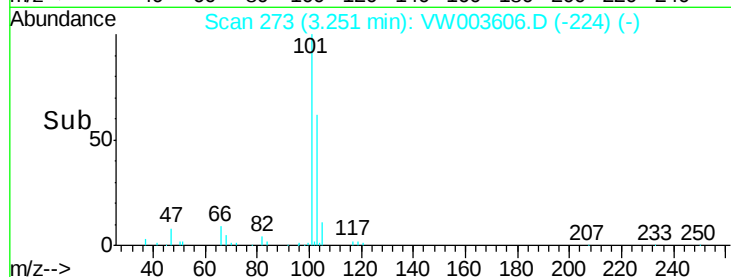
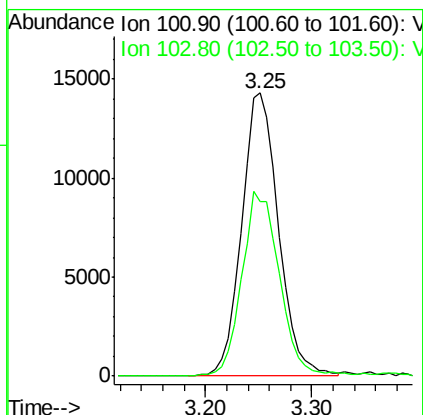
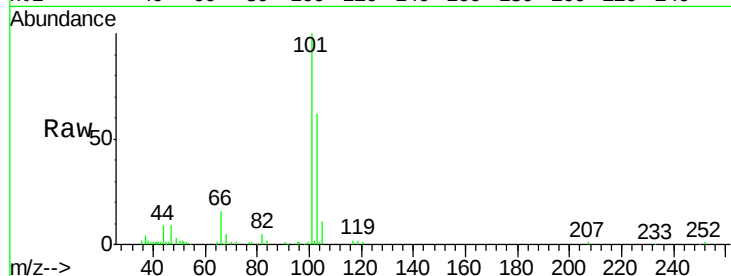
Trichlorofluoromethane
Concen: 23.81 ug/l
RT: 3.25 min Scan# 273
Delta R.T. 0.00 min
Lab File: VW003606.D
Acq: 27 Jun 2018 12:05

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MSVOA_W
ClientSampleId :
VW0627SBS02

Tot Ion	Ratio	Lower	Upper
101	100		
103	61.8	53.4	80.0

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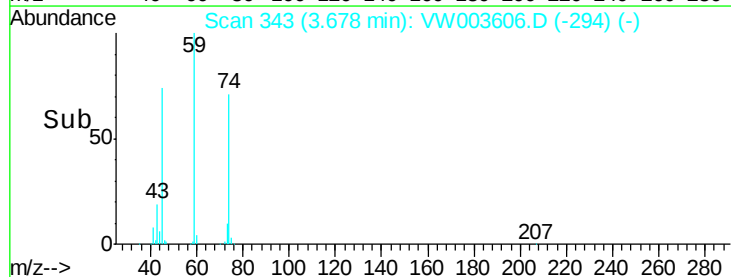
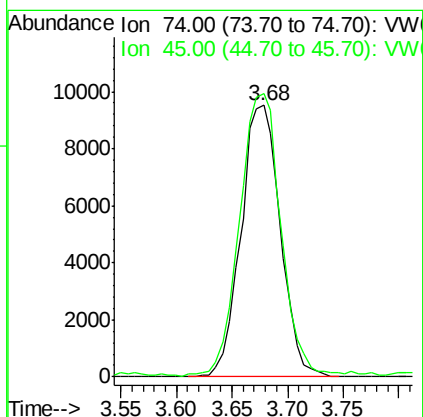
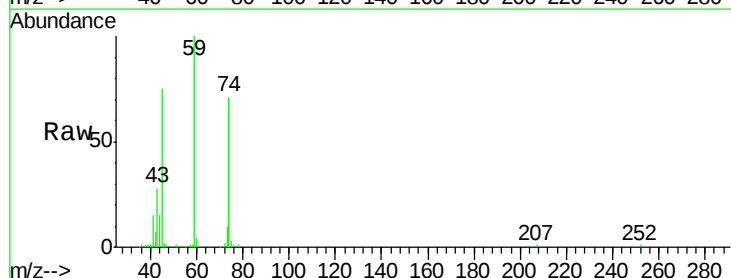
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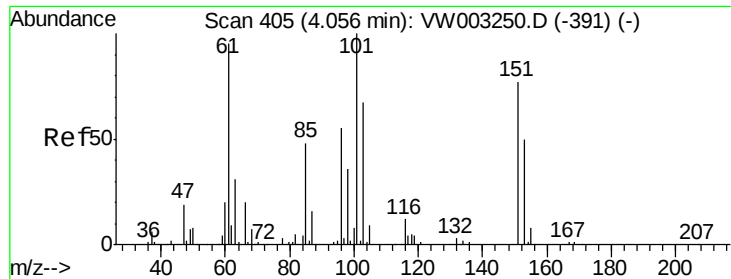


#8

Diethyl Ether
Concen: 21.84 ug/l
RT: 3.68 min Scan# 343
Delta R.T. 0.00 min
Lab File: VW003606.D
Acq: 27 Jun 2018 12:05

Tgt Ion	Ratio	Lower	Upper
74	100		
45	110.4	51.4	154.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.83 ug/l

RT: 4.06 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW003606.D

Acq: 27 Jun 2018 12:05

Instrument :

MSVOA_W

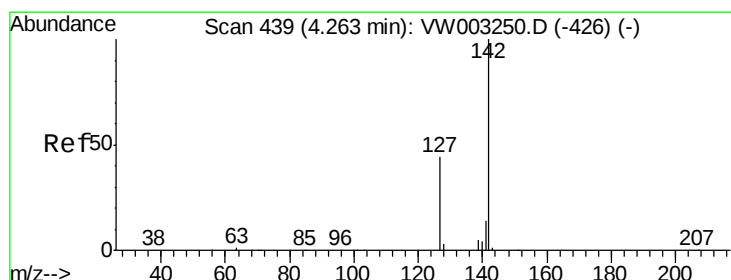
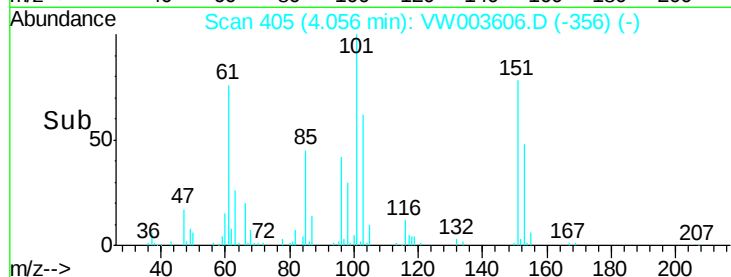
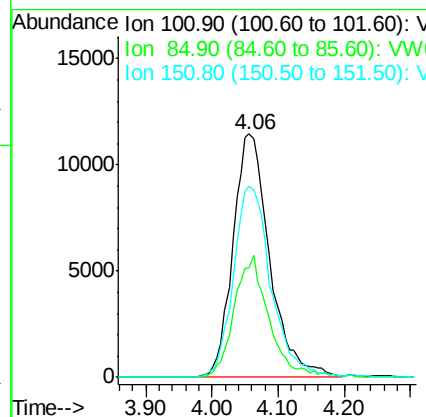
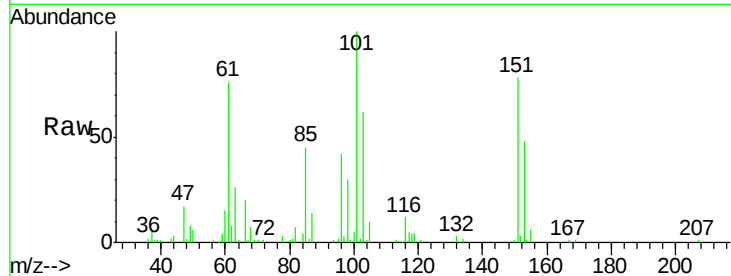
ClientSampleId :

VW0627SBS02

Tot Ion:	101	Resp:	44164
Ion Ratio	Lower	Upper	
101	100		
85	47.2	37.0	55.6
151	80.5	63.3	94.9

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#10

Methyl Iodide

Concen: 21.31 ug/l

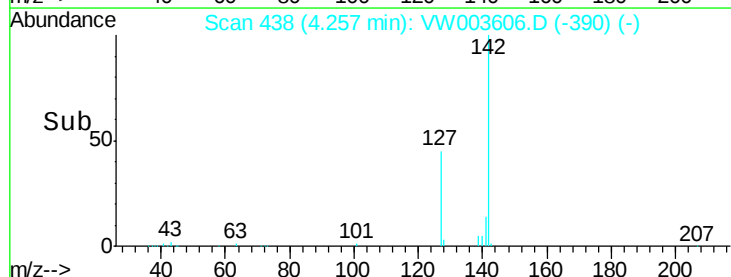
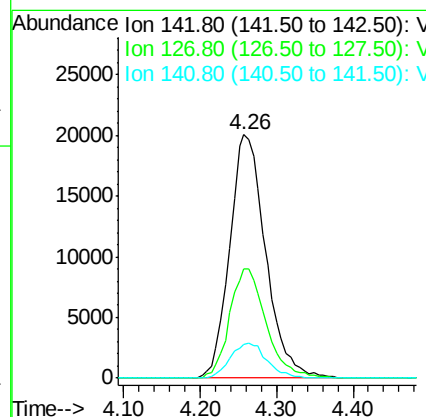
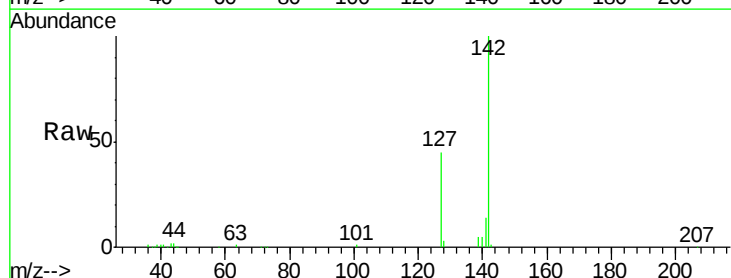
RT: 4.26 min Scan# 438

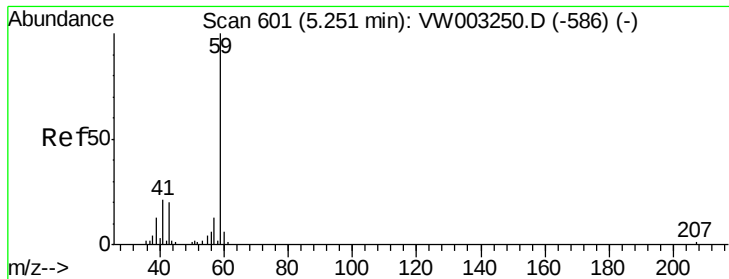
Delta R.T. -0.01 min

Lab File: VW003606.D

Acq: 27 Jun 2018 12:05

Tgt Ion:	142	Resp:	65208
Ion Ratio	Lower	Upper	
142	100		
127	45.6	36.5	54.7
141	14.6	12.1	18.1





#11

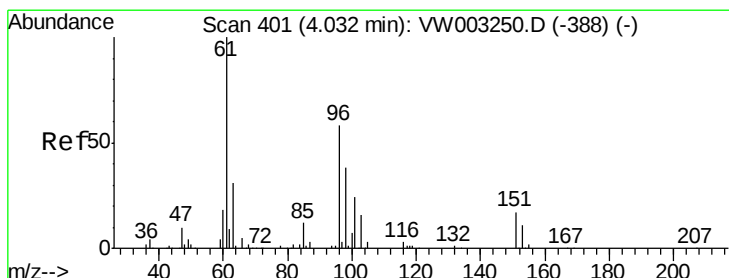
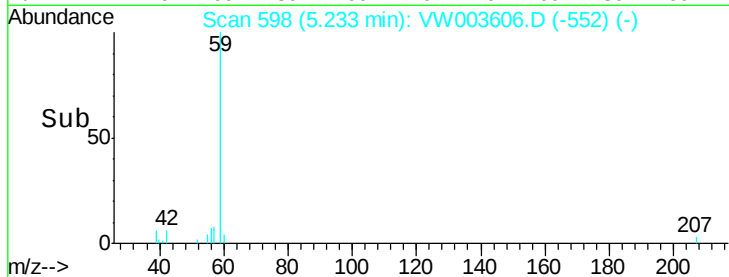
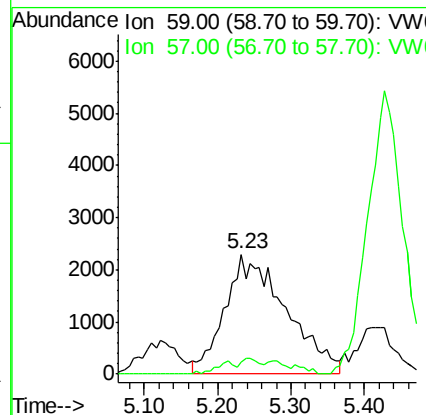
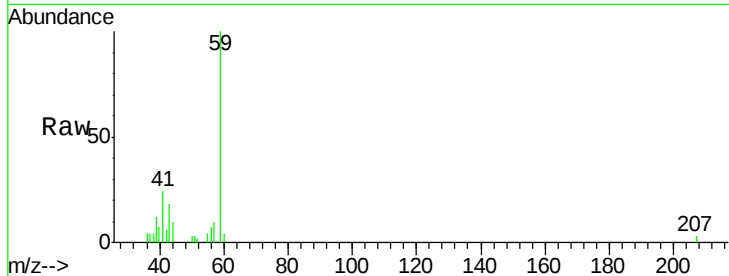
Tert butyl alcohol
 Concen: 104.18 ug/l m
 RT: 5.23 min Scan# 598
 Delta R.T. -0.02 min
 Lab File: VW003606.D
 Acq: 27 Jun 2018 12:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0627SBS02

Tot Ion: 59 Resp: 13218
 Ion Ratio Lower Upper
 59 100
 57 0.0 4.2 6.2#

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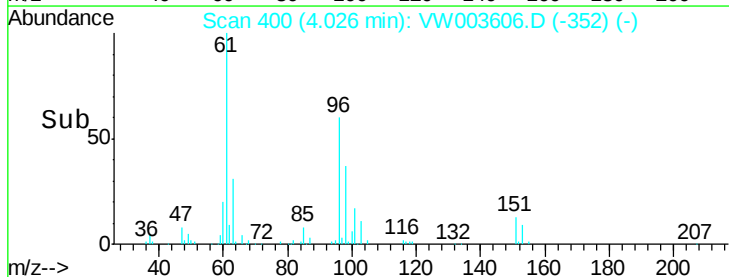
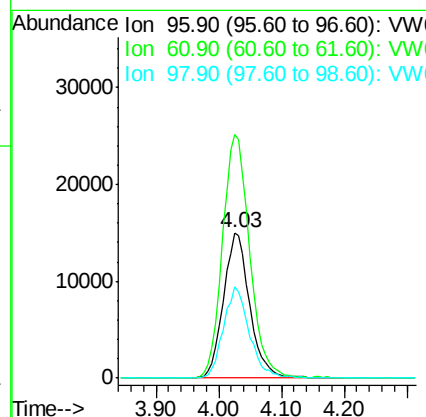
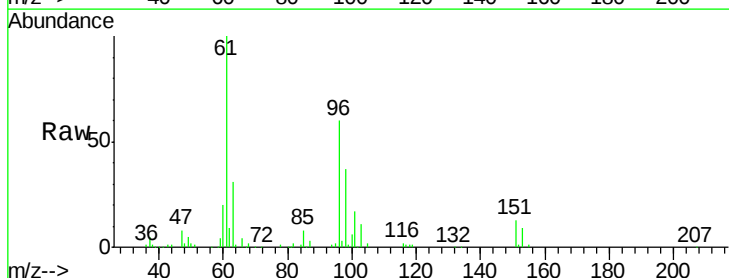
apatel
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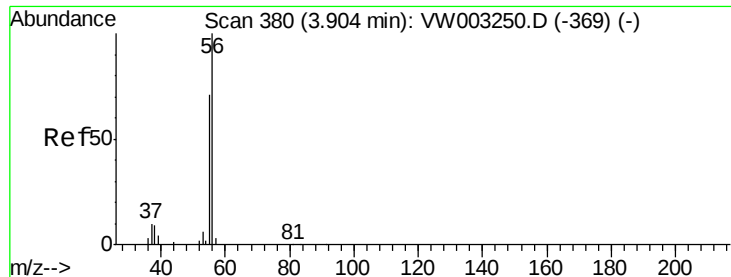


#12

1,1-Dichloroethene
 Concen: 21.89 ug/l
 RT: 4.03 min Scan# 400
 Delta R.T. -0.01 min
 Lab File: VW003606.D
 Acq: 27 Jun 2018 12:05

Tgt Ion: 96 Resp: 43289
 Ion Ratio Lower Upper
 96 100
 61 167.1 139.0 208.4
 98 62.4 53.3 79.9





#13

Acrolein

Concen: 67.68 ug/l

RT: 3.90 min Scan# 379

Delta R.T. -0.01 min

Lab File: VW003606.D

Acq: 27 Jun 2018 12:05

Instrument :

MSVOA_W

ClientSampleId :

VW0627SBSD02

Tot Ion: 56 Resp: 12278

Ion Ratio Lower Upper

56 100

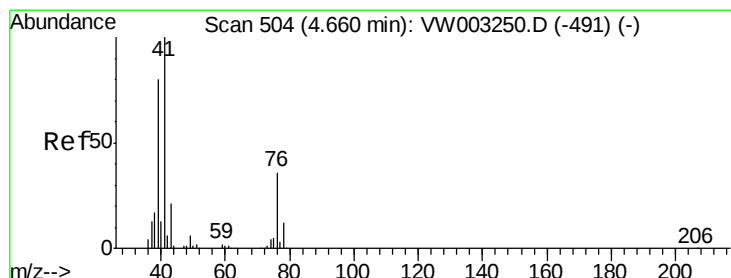
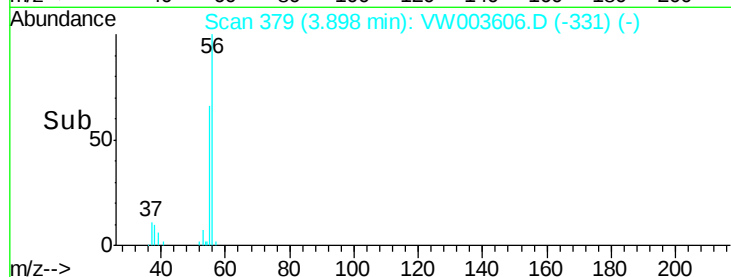
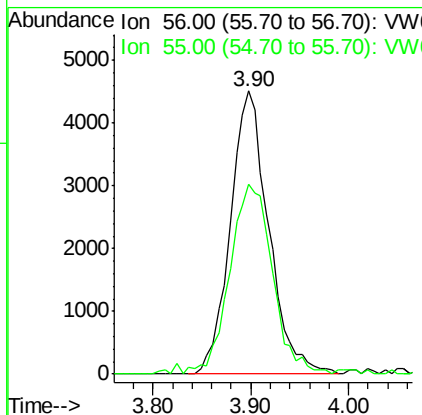
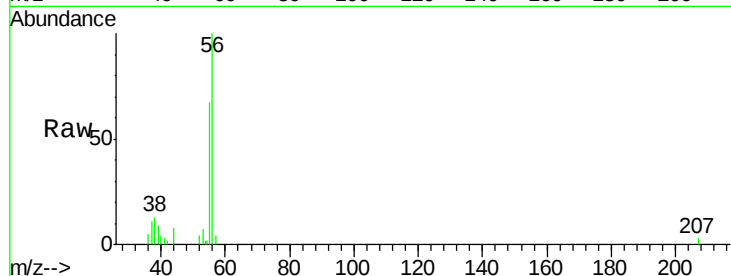
55 74.5 55.4 83.2

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#14

Allyl chloride

Concen: 21.46 ug/l

RT: 4.66 min Scan# 504

Delta R.T. 0.00 min

Lab File: VW003606.D

Acq: 27 Jun 2018 12:05

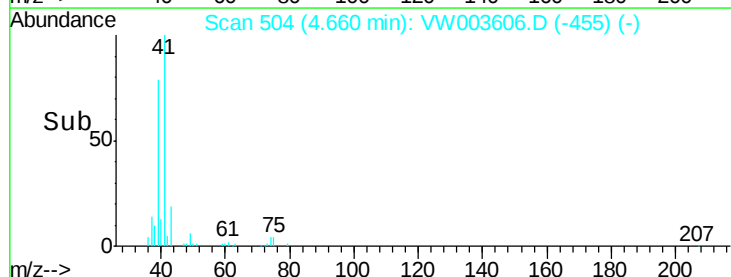
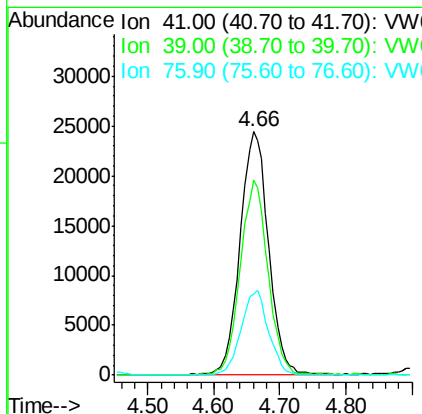
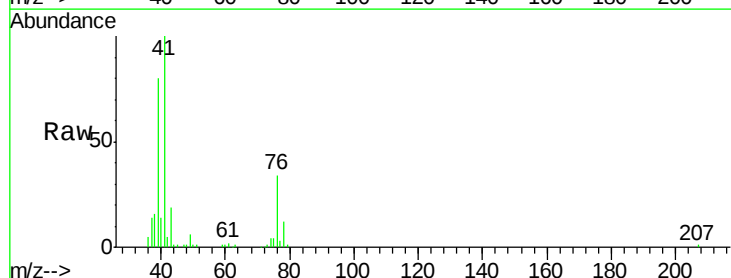
Tgt Ion: 41 Resp: 73492

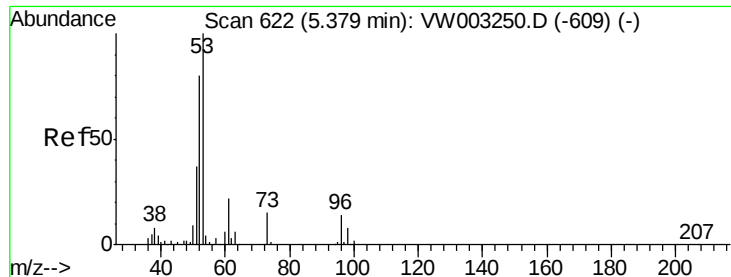
Ion Ratio Lower Upper

41 100

39 77.9 63.2 94.8

76 33.2 28.0 42.0





#15

Acrylonitrile

Concen: 107.59 ug/l

RT: 5.38 min Scan# 622

Delta R.T. 0.00 min

Lab File: VW003606.D

Acq: 27 Jun 2018 12:05

Instrument :

MSVOA_W

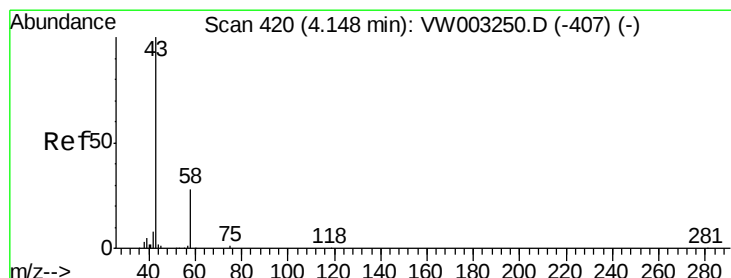
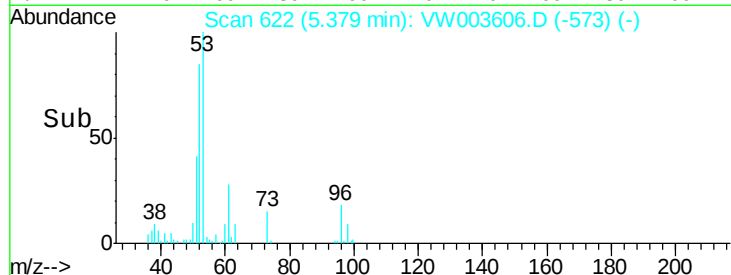
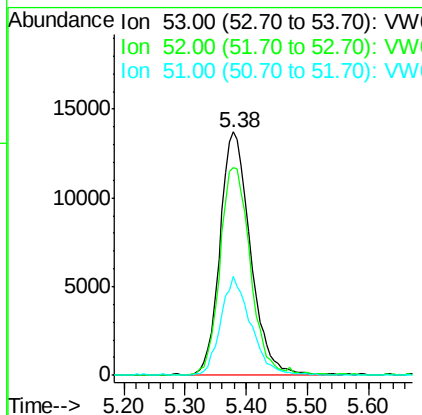
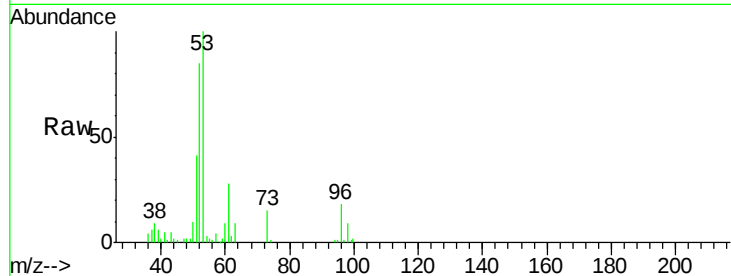
ClientSampleId :

VW0627SBS02

Tot Ion:	53	Resp:	47383
Ion	Ratio	Lower	Upper
53	100		
52	84.3	66.6	100.0
51	39.8	30.6	46.0

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#16

Acetone

Concen: 115.50 ug/l

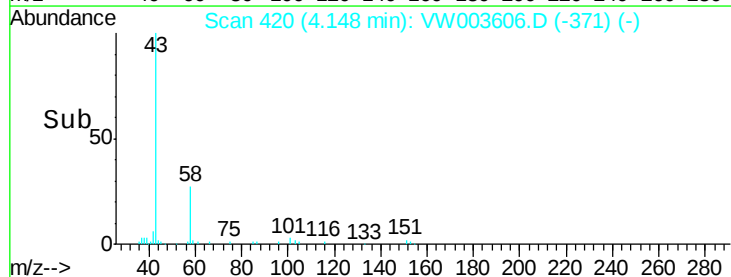
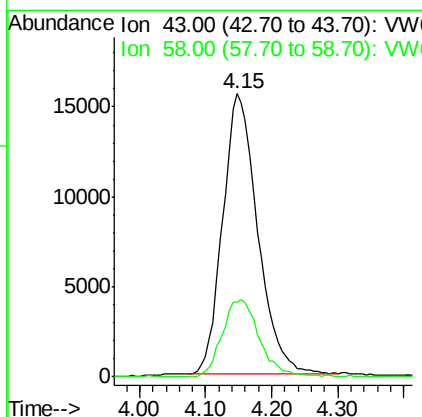
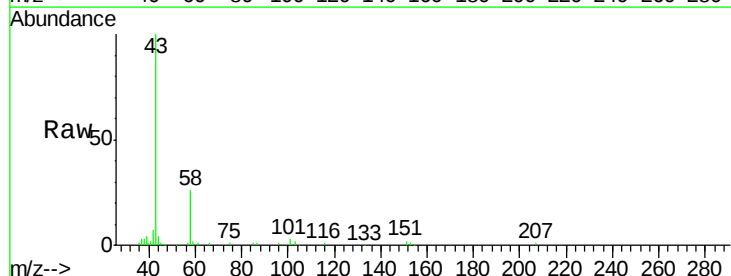
RT: 4.15 min Scan# 420

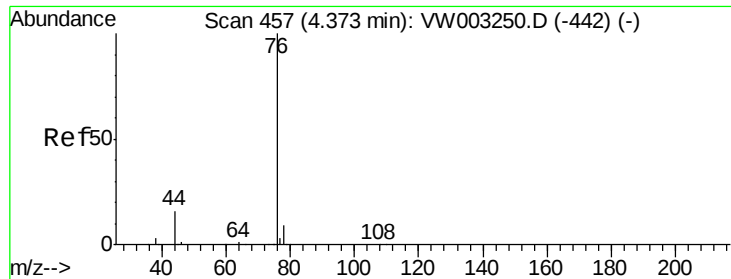
Delta R.T. 0.00 min

Lab File: VW003606.D

Acq: 27 Jun 2018 12:05

Tgt Ion:	43	Resp:	57310
Ion	Ratio	Lower	Upper
43	100		
58	26.6	22.6	34.0





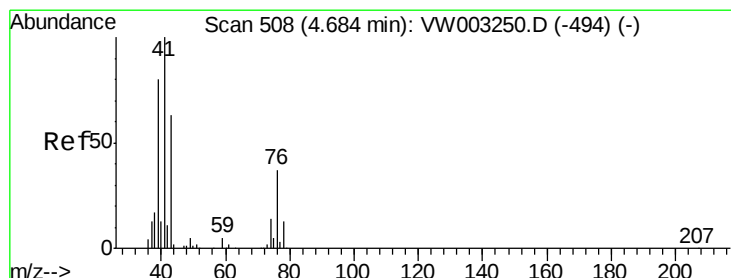
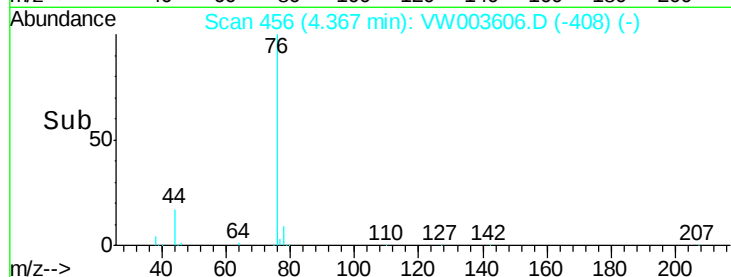
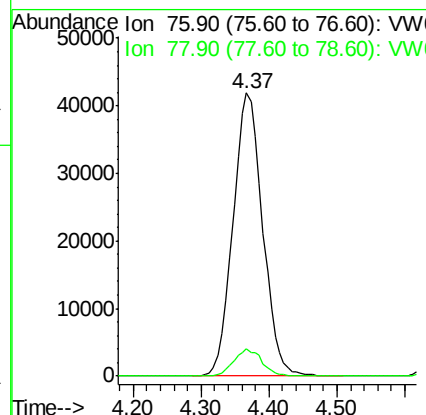
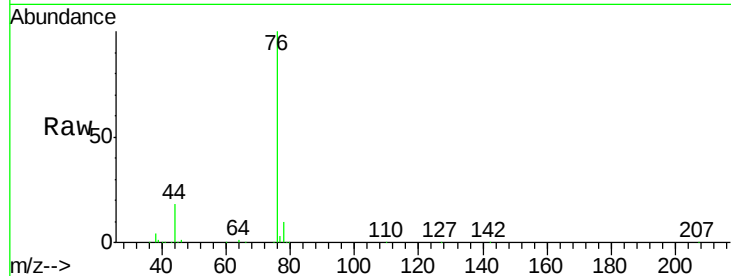
#17
Carbon Disulfide
Concen: 21.60 ug/l
RT: 4.37 min Scan# 456
Delta R.T. -0.01 min
Lab File: VW003606.D
Acq: 27 Jun 2018 12:05

Instrument :
MSVOA_W
ClientSampleId :
VW0627SBSD02

Tot Ion	Ion	Ratio	Lower	Upper
76	100			
78	9.8	7.1	10.7	

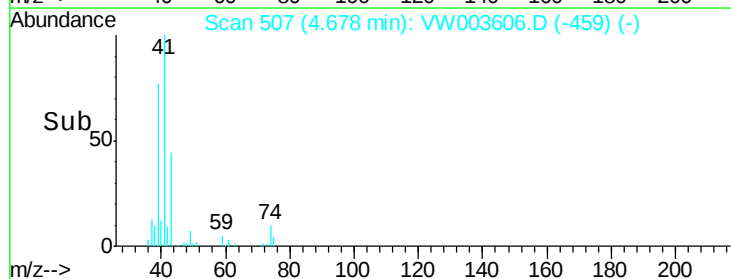
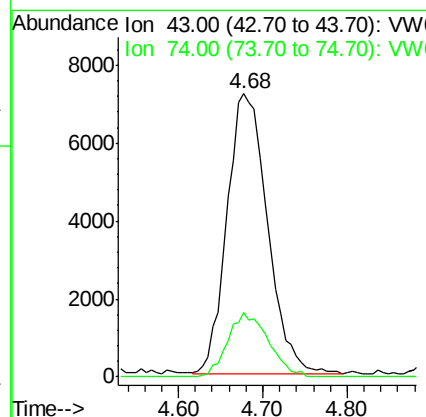
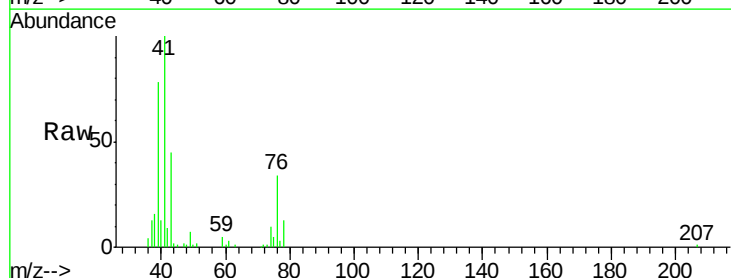
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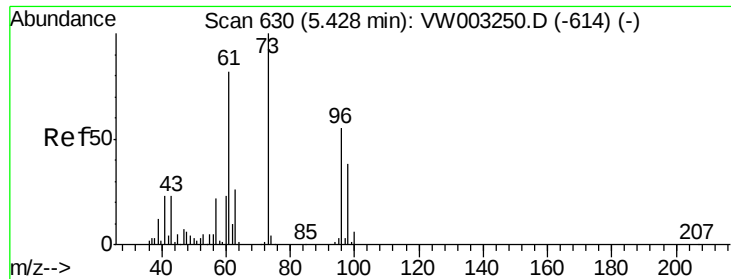
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#18
Methyl Acetate
Concen: 19.89 ug/l
RT: 4.68 min Scan# 507
Delta R.T. -0.01 min
Lab File: VW003606.D
Acq: 27 Jun 2018 12:05

Tgt Ion	Ion	Ratio	Lower	Upper
43	100			
74	23.1	18.7	28.1	





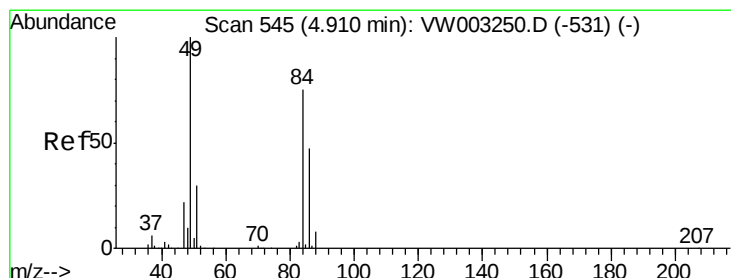
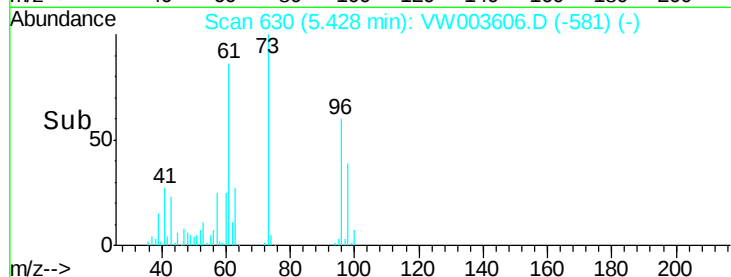
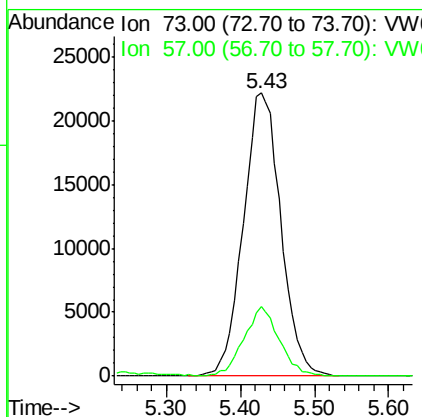
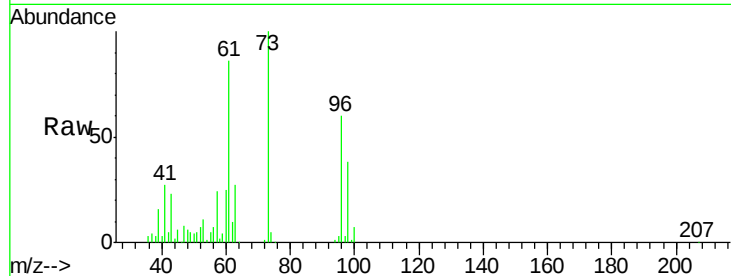
#19
Methvl tert-butvl Ether
Concen: 21.14 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.00 min
Lab File: VW003606.D
Acq: 27 Jun 2018 12:05

Instrument :
MSVOA_W
ClientSampleId :
VW0627SBSD02

Tot Ion: 73 Resp: 78294
Ion Ratio Lower Upper
73 100
57 24.5 18.0 27.0

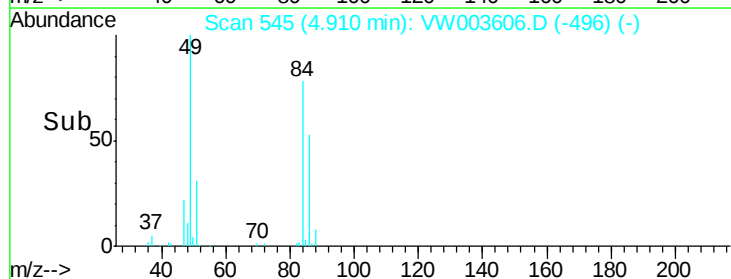
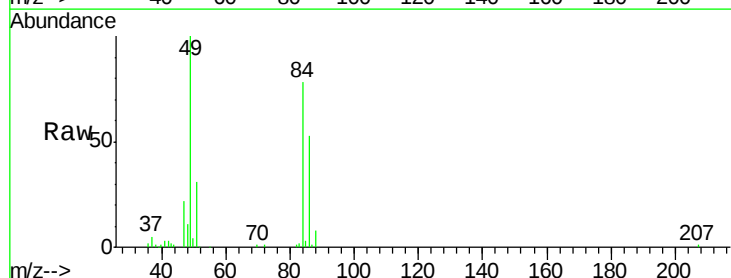
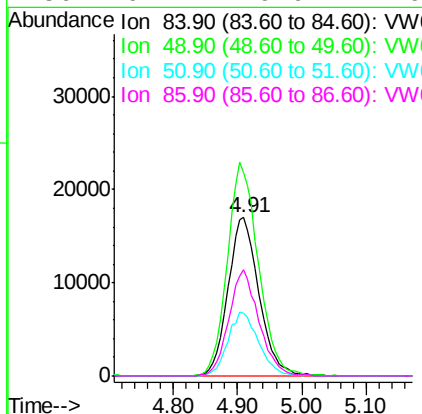
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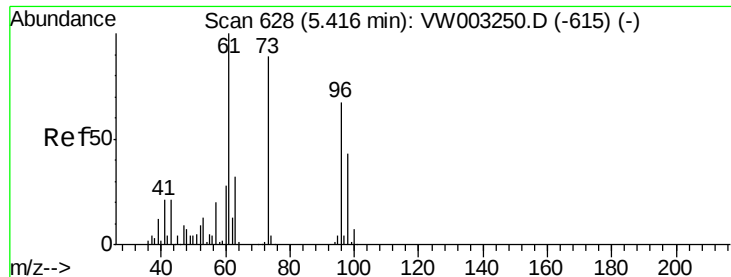
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#20
Methylene Chloride
Concen: 25.24 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003606.D
Acq: 27 Jun 2018 12:05

Tgt Ion: 84 Resp: 57025
Ion Ratio Lower Upper
84 100
49 128.2 106.3 159.5
51 39.6 32.0 48.0
86 67.4 49.9 74.9





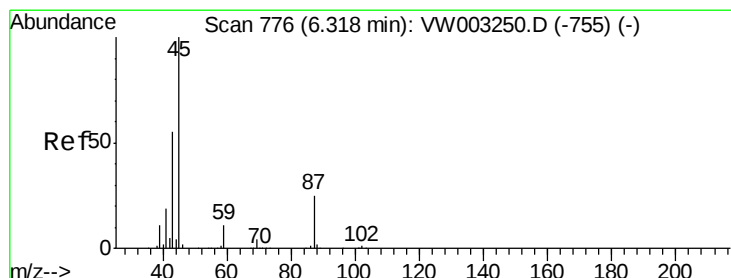
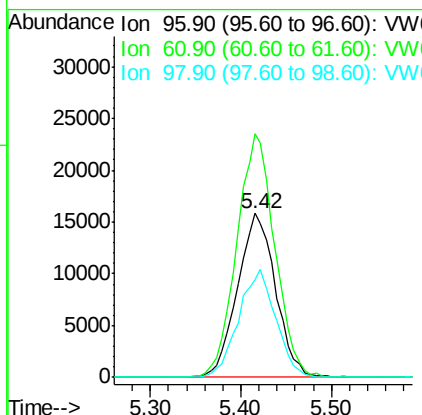
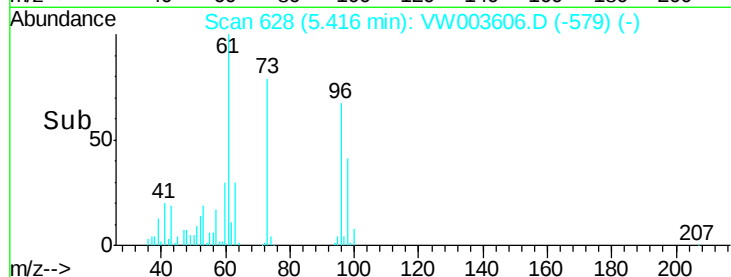
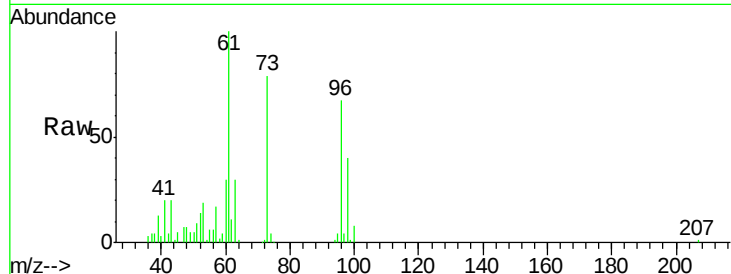
#21
trans-1,2-Dichloroethene
Concen: 21.38 ug/l
RT: 5.42 min Scan# 628
Delta R.T. 0.00 min
Lab File: VW003606.D
Acq: 27 Jun 2018 12:05

Instrument :
MSVOA_W
ClientSampleId :
VW0627SBSD02

Tot Ion	Ratio	Lower	Upper
96	100		
61	148.8	118.7	178.1
98	60.1	51.0	76.6

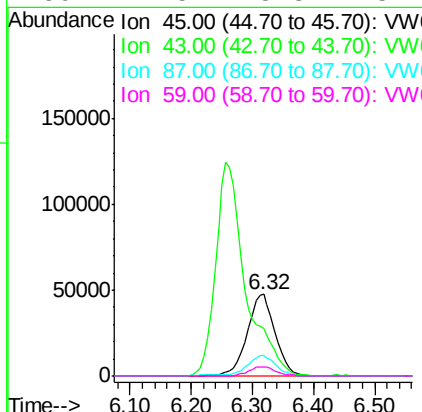
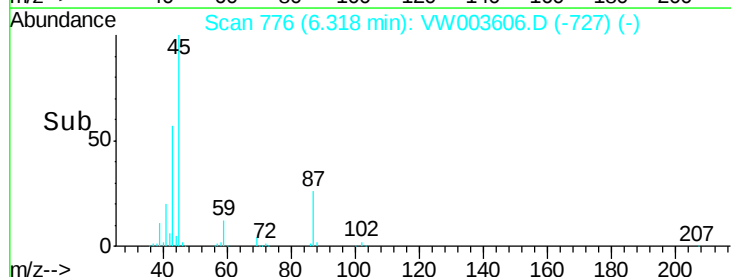
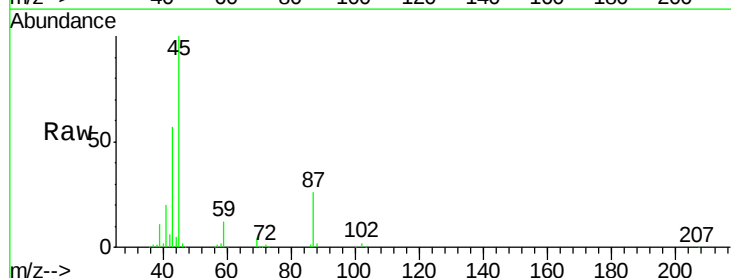
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#22
Diisopropyl ether
Concen: 21.94 ug/l
RT: 6.32 min Scan# 776
Delta R.T. 0.00 min
Lab File: VW003606.D
Acq: 27 Jun 2018 12:05

Tgt Ion	Ratio	Lower	Upper
45	100		
43	56.9	44.0	66.0
87	25.9	20.6	31.0
59	11.5	8.8	13.2





#23

Vinyl Acetate

Concen: 106.71 ug/l

RT: 6.26 min Scan# 766

Delta R.T. 0.00 min

Lab File: VW003606.D

Acq: 27 Jun 2018 12:05

Instrument :

MSVOA_W

ClientSampleId :

VW0627SBS02

Tot Ion: 43 Resp: 423878

Ion Ratio Lower Upper

43 100

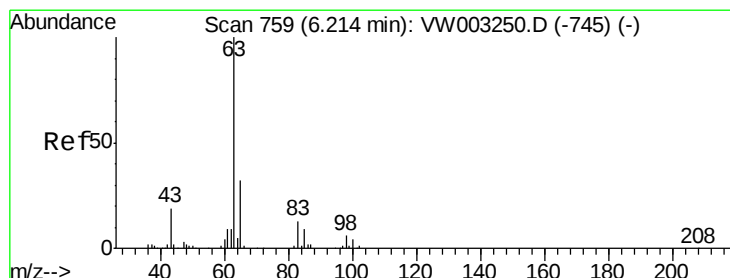
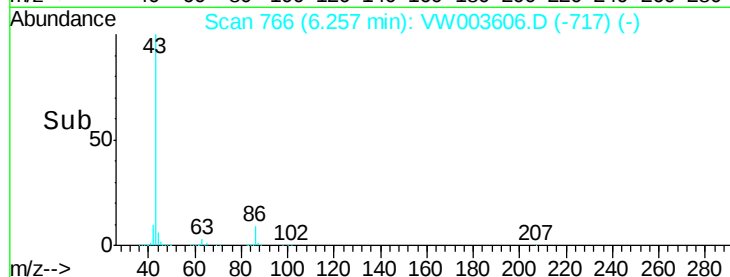
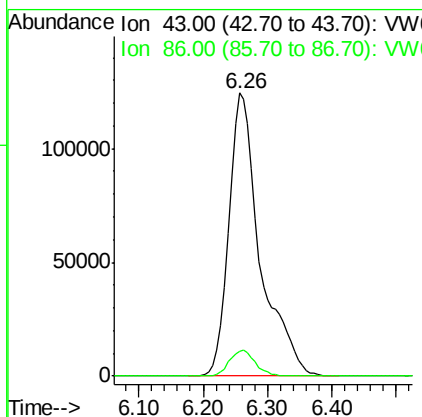
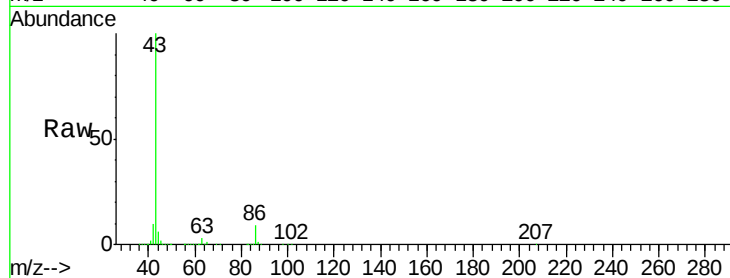
86 8.9 7.5 11.3

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#24

1,1-Dichloroethane

Concen: 22.11 ug/l

RT: 6.21 min Scan# 759

Delta R.T. 0.00 min

Lab File: VW003606.D

Acq: 27 Jun 2018 12:05

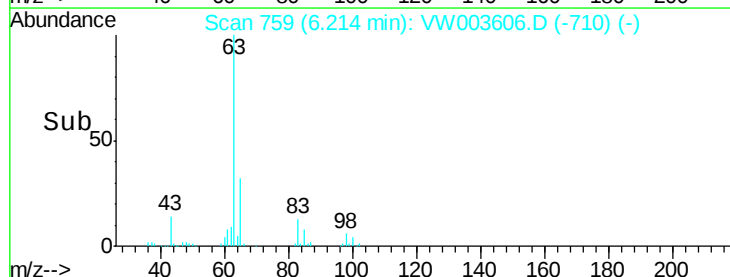
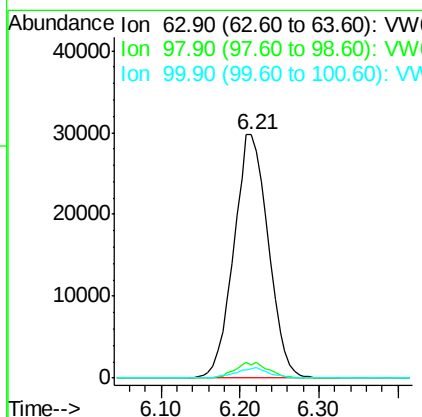
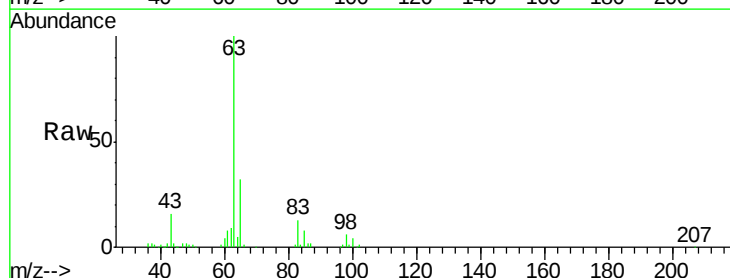
Tgt Ion: 63 Resp: 90475

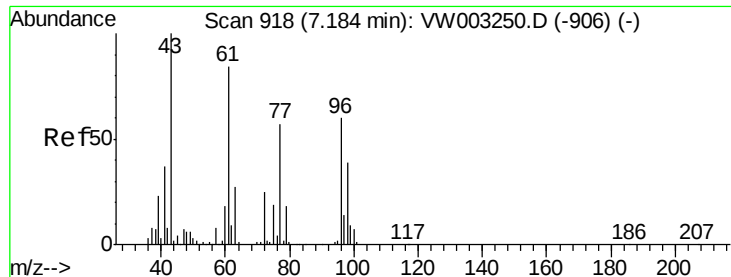
Ion Ratio Lower Upper

63 100

98 5.6 2.8 8.3

100 3.8 2.1 6.5





#25

2-Butanone

Concen: 109.72 ug/l

RT: 7.19 min Scan# 919

Delta R.T. 0.01 min

Lab File: VW003606.D

Acq: 27 Jun 2018 12:05

Instrument :

MSVOA_W

ClientSampleId :

VW0627SBS02

Tot Ion: 43 Resp: 67697

Ion Ratio Lower Upper

43 100

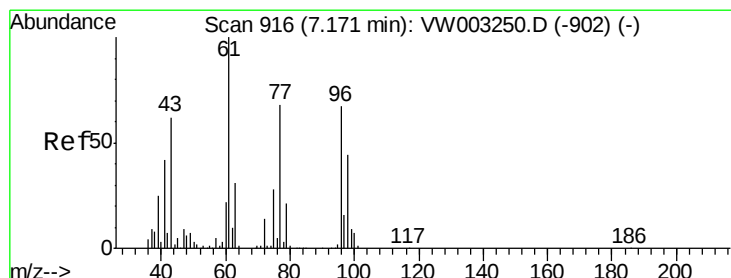
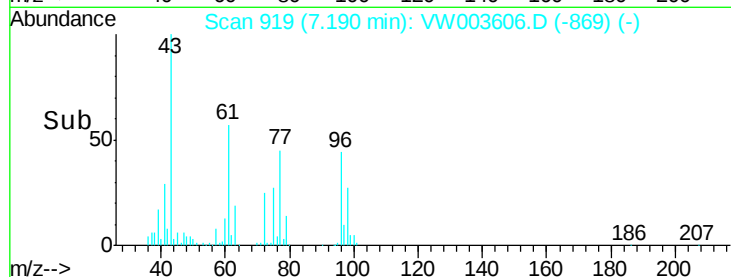
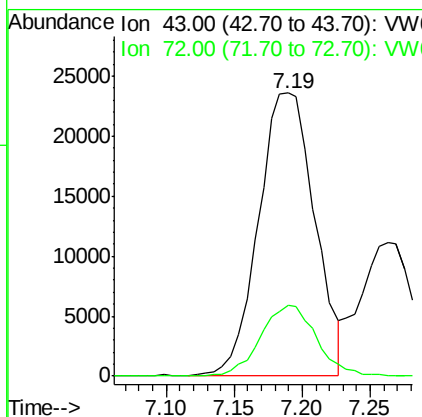
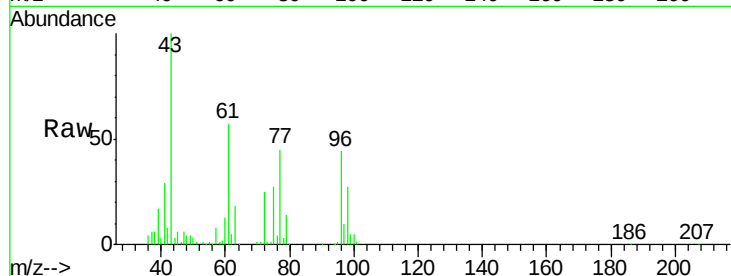
72 25.1 20.3 30.5

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#26

2,2-Dichloropropane

Concen: 22.16 ug/l

RT: 7.17 min Scan# 916

Delta R.T. 0.00 min

Lab File: VW003606.D

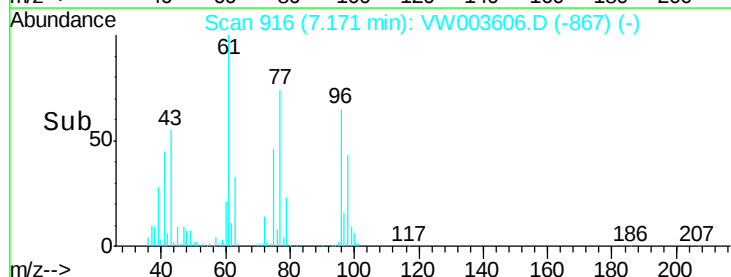
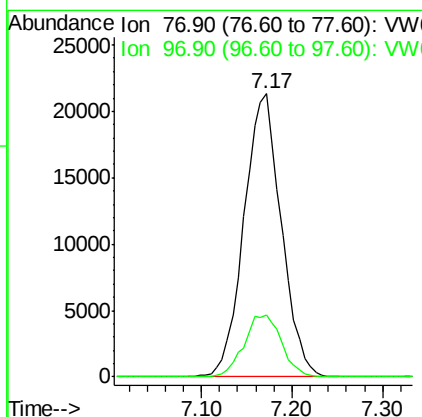
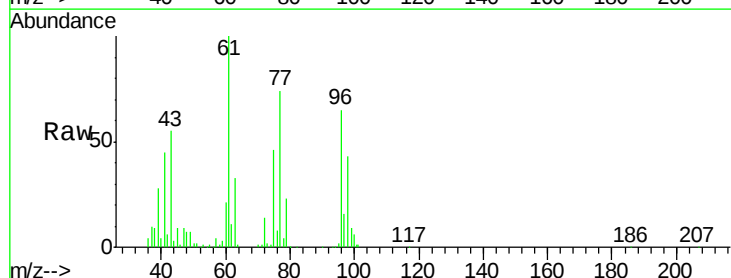
Acq: 27 Jun 2018 12:05

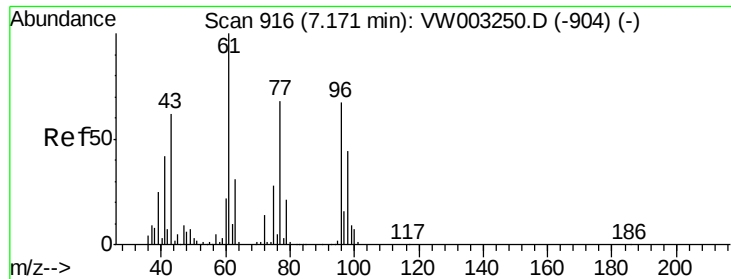
Tgt Ion: 77 Resp: 60512

Ion Ratio Lower Upper

77 100

97 22.1 11.3 33.9





#27

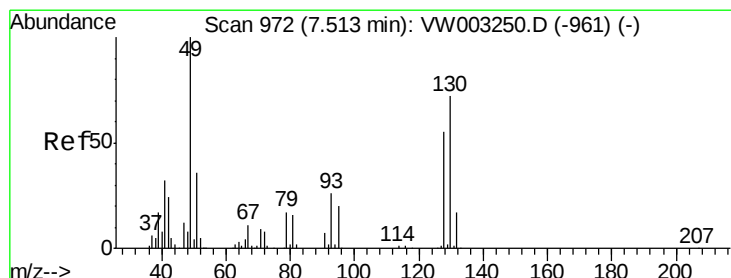
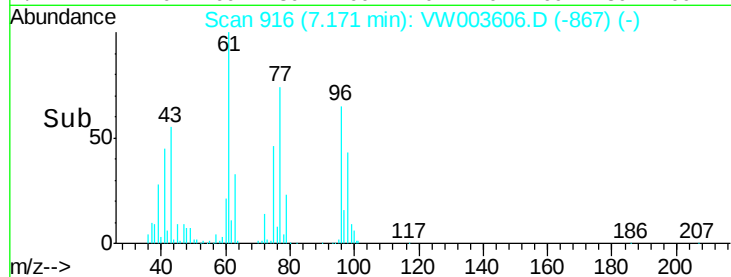
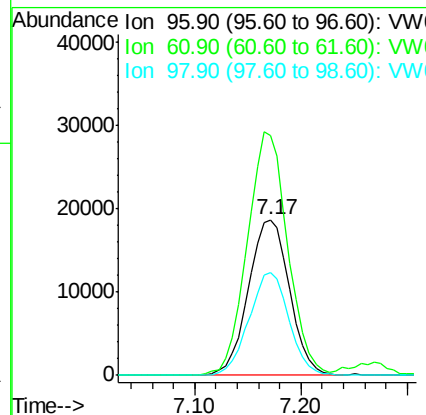
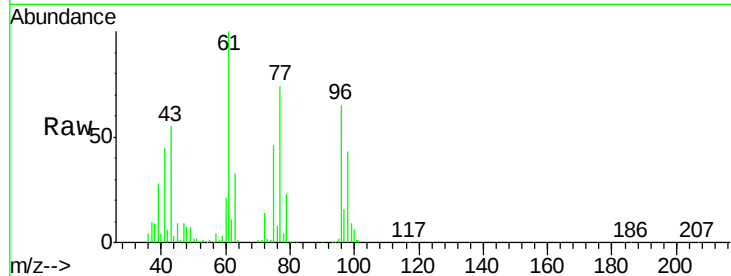
cis-1,2-Dichloroethene
Concen: 21.39 ug/l
RT: 7.17 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW003606.D
Acq: 27 Jun 2018 12:05

Instrument :
MSVOA_W
ClientSampleId :
VW0627SBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	153.0	0.0	298.8
98	64.3	0.0	130.4

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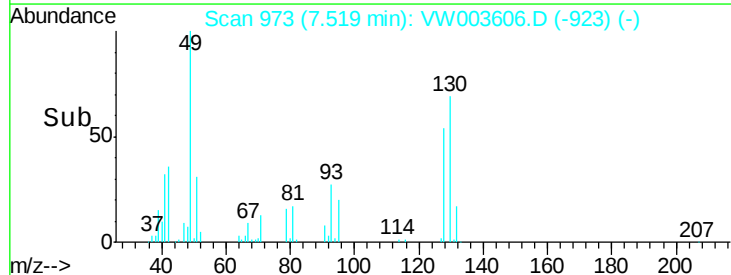
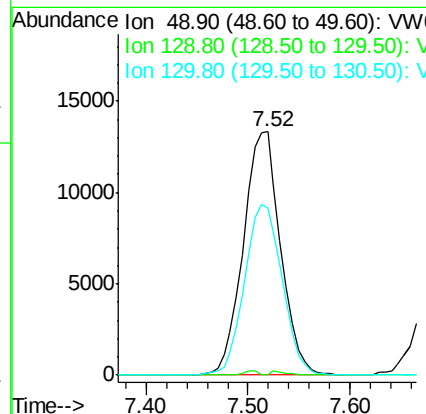
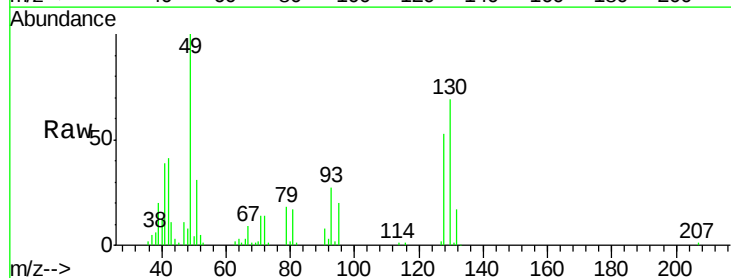
apatel
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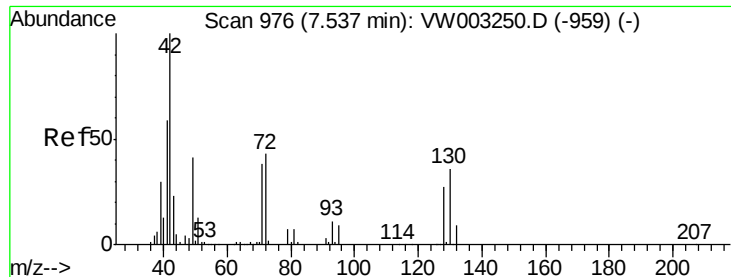


#28

Bromochloromethane
Concen: 19.82 ug/l
RT: 7.52 min Scan# 973
Delta R.T. 0.01 min
Lab File: VW003606.D
Acq: 27 Jun 2018 12:05

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.7	0.0	4.6
130	71.1	59.4	89.2





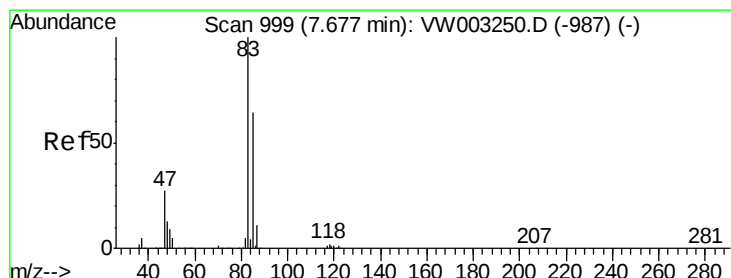
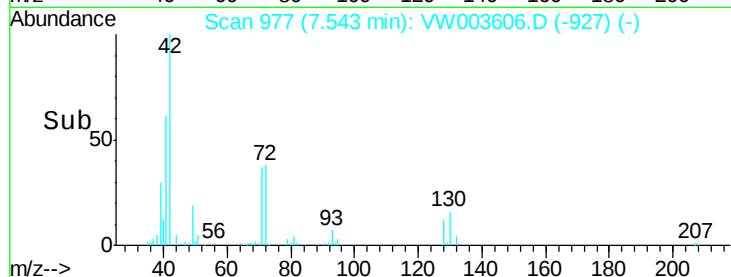
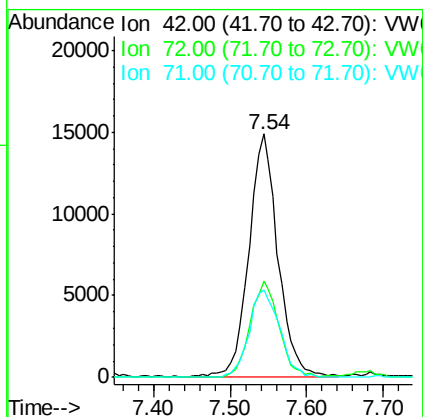
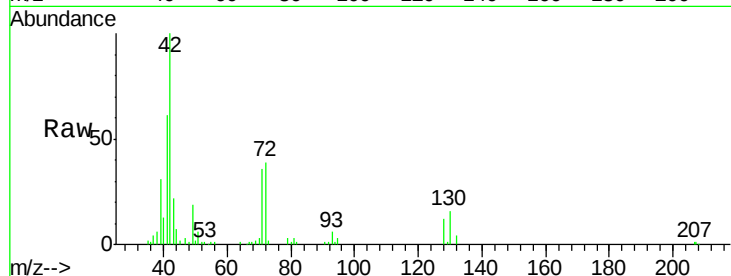
#29
Tetrahydrofuran
Concen: 104.90 ug/l
RT: 7.54 min Scan# 977
Delta R.T. 0.01 min
Lab File: VW003606.D
Acq: 27 Jun 2018 12:05

Instrument :
MSVOA_W
ClientSampleId :
VW0627SBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	38.9	32.4	48.6
71	37.6	31.2	46.8

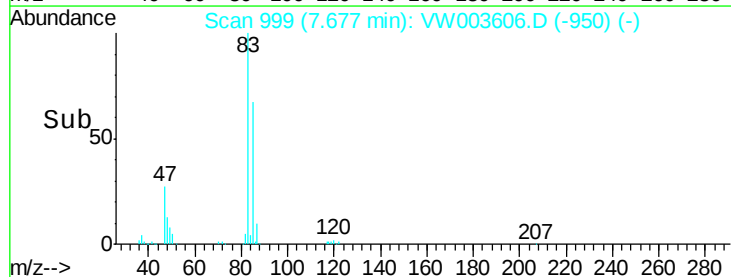
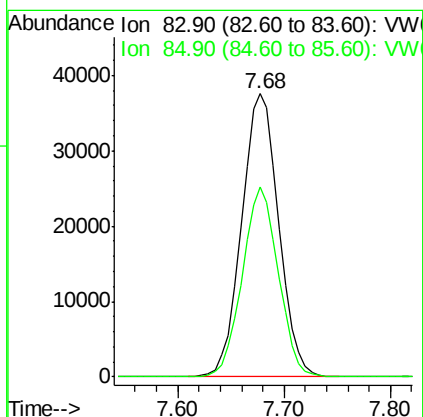
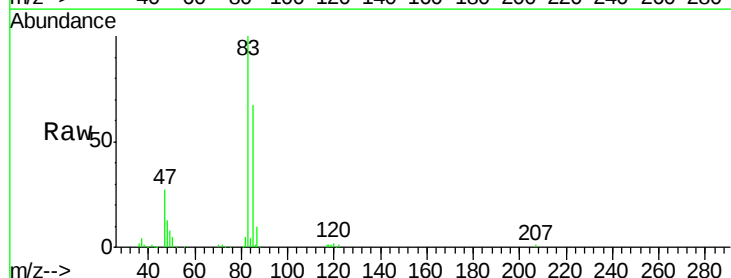
Manual Integrations
APPROVED

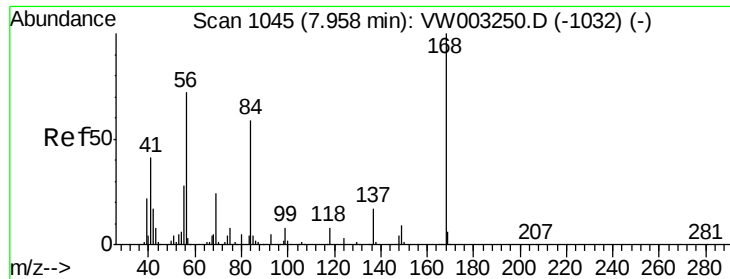
apatel
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#30
Chloroform
Concen: 21.95 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW003606.D
Acq: 27 Jun 2018 12:05

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.9	51.3	76.9





#31

Cyclohexane

Concen: 21.46 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.01 min

Lab File: VW003606.D

Acq: 27 Jun 2018 12:05

Instrument :

MSVOA_W

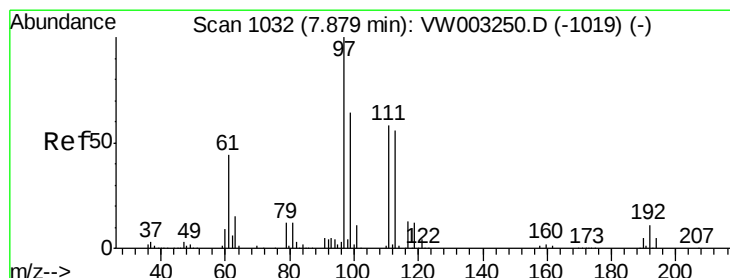
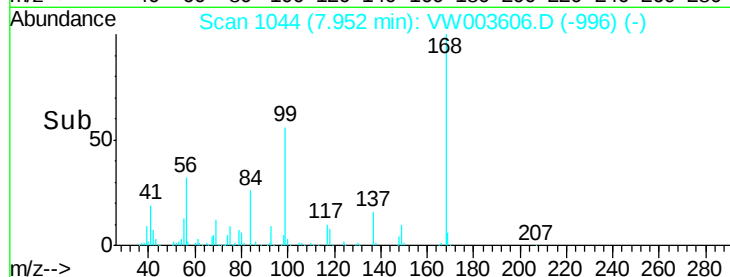
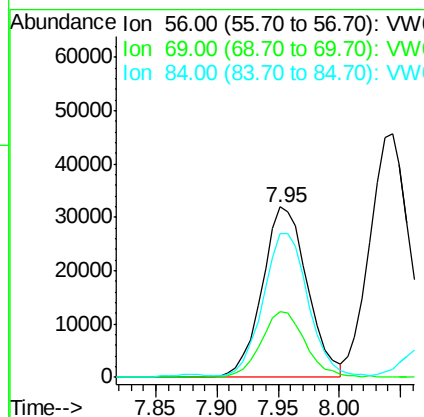
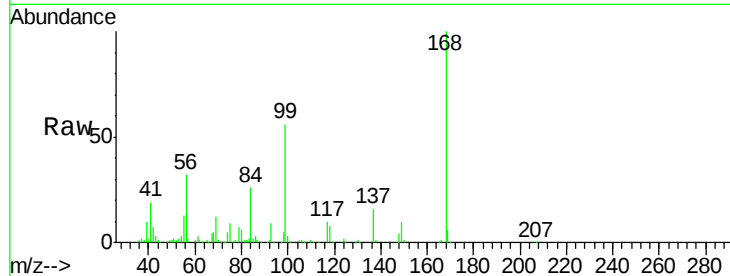
ClientSampleId :

VW0627SBS02

Tot Ion:	56	Resp:	82035
Ion	Ratio	Lower	Upper
56	100		
69	38.7	26.3	39.5
84	82.5	65.7	98.5

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 22.07 ug/l

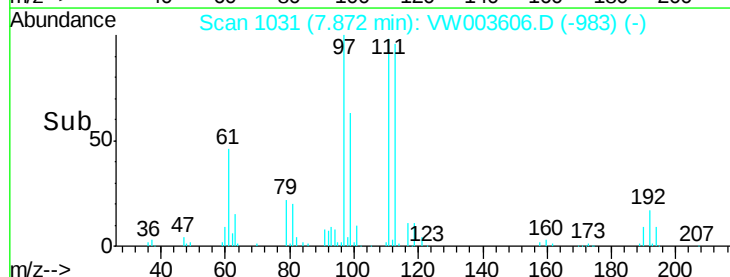
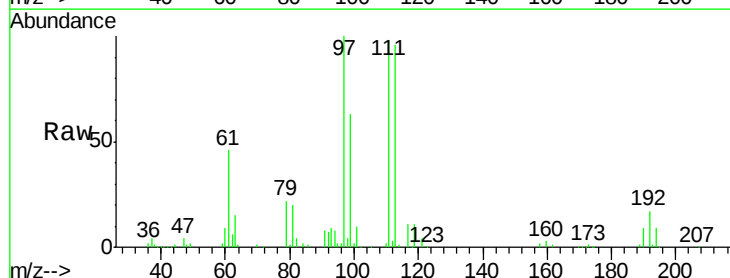
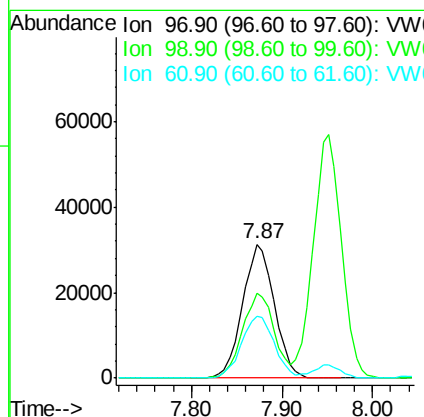
RT: 7.87 min Scan# 1031

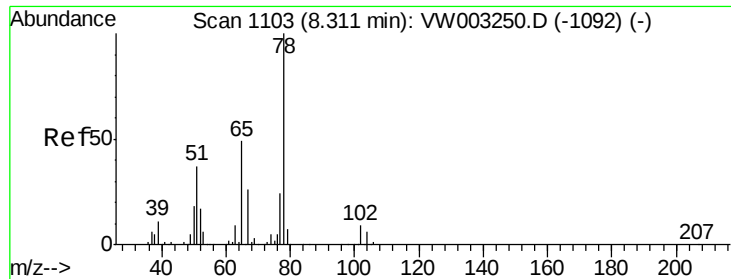
Delta R.T. -0.01 min

Lab File: VW003606.D

Acq: 27 Jun 2018 12:05

Tgt Ion:	97	Resp:	75944
Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.7	77.5
61	47.8	37.6	56.4





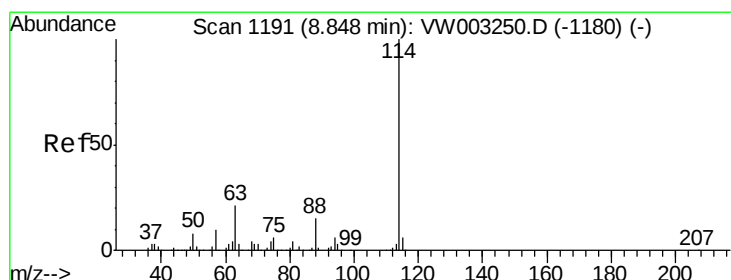
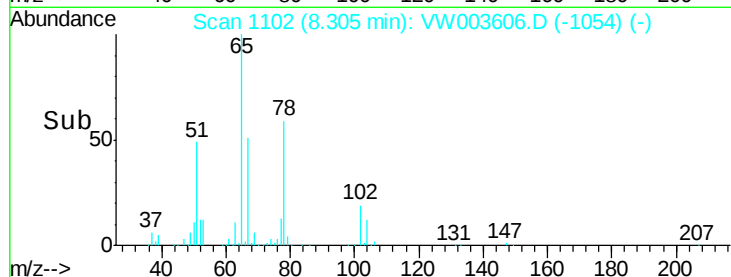
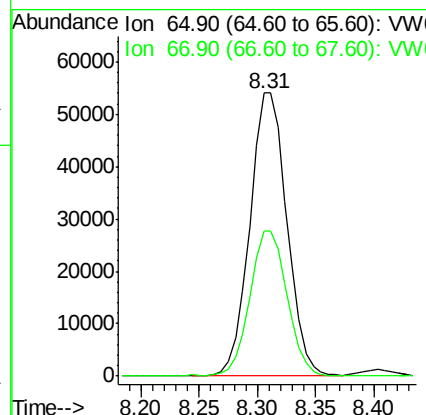
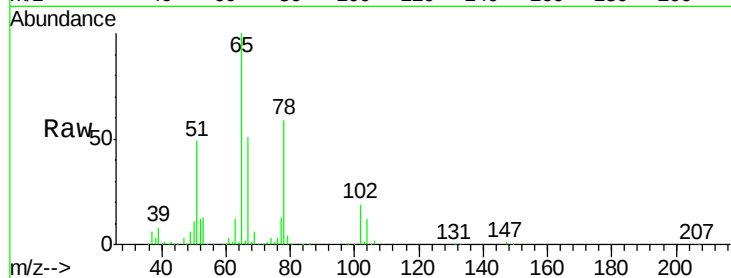
#33
 1,2-Dichloroethane-d4
 Concen: 50.86 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.01 min
 Lab File: VW003606.D
 Acq: 27 Jun 2018 12:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0627SBS02

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	51.5	0.0	104.2	

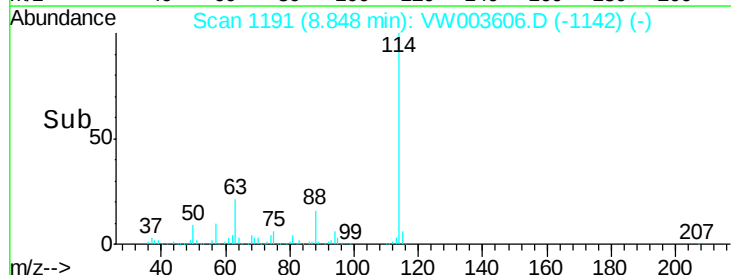
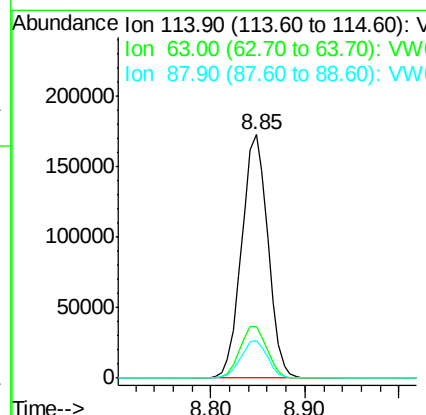
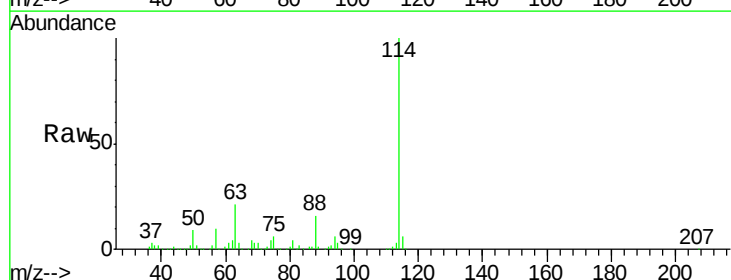
Manual Integrations
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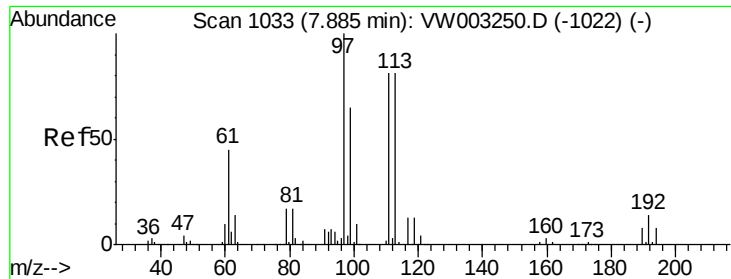
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003606.D
 Acq: 27 Jun 2018 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	21.4	0.0	43.0	
88	15.6	0.0	29.6	





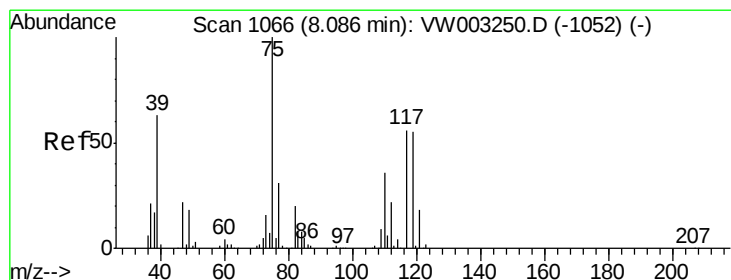
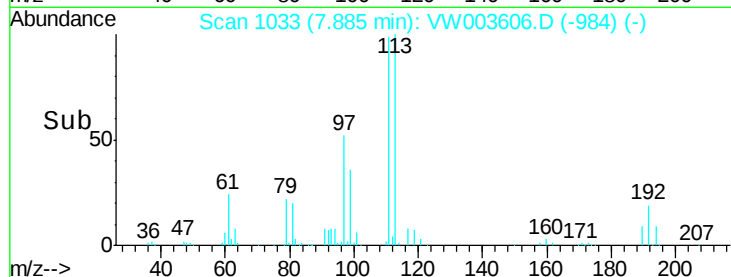
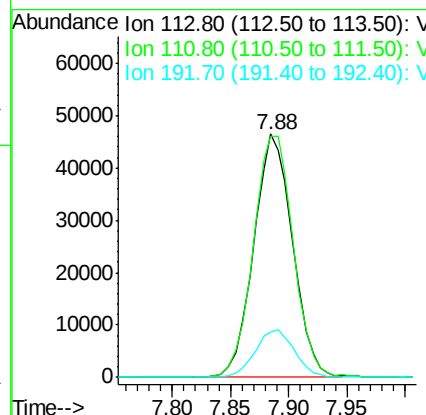
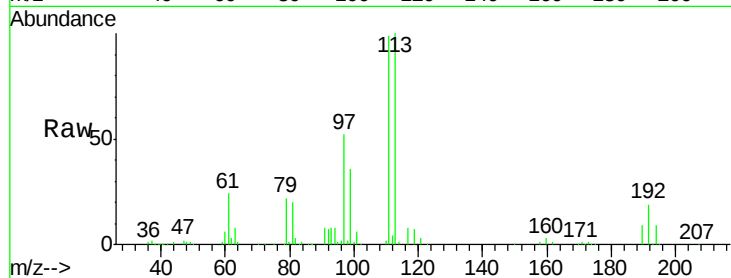
#35
 Dibromofluoromethane
 Concen: 51.64 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003606.D
 Acq: 27 Jun 2018 12:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0627SBS02

Tot Ion	Ratio	Resp	Lower	Upper
113	100	107507		
111	103.0		82.2	123.2
192	19.8		16.2	24.2

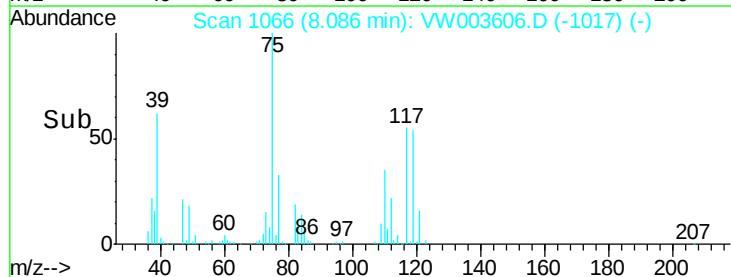
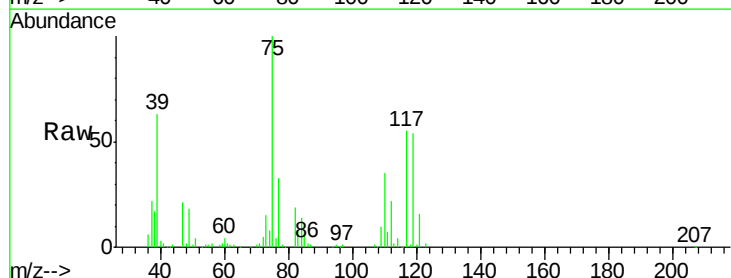
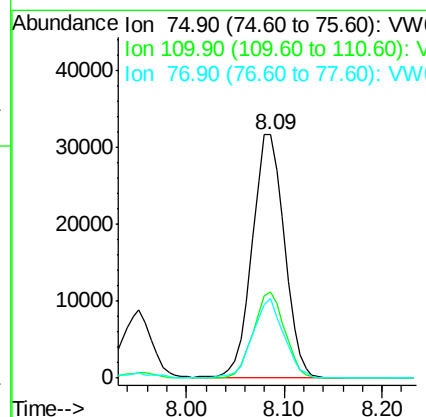
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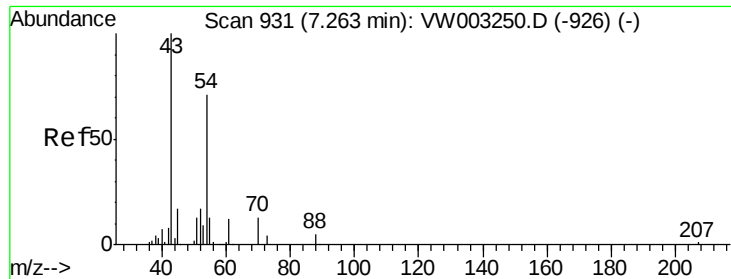
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#36
 1,1-Dichloropropene
 Concen: 22.46 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: VW003606.D
 Acq: 27 Jun 2018 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	72657		
110	34.4		17.1	51.3
77	31.6		24.9	37.3





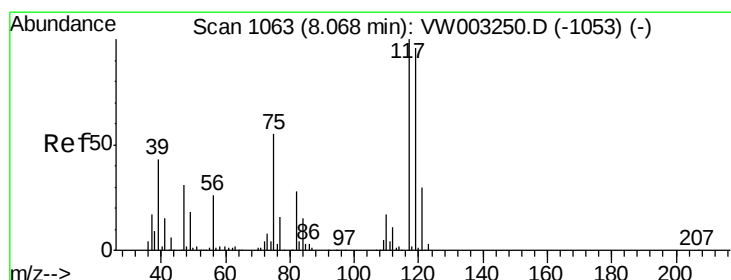
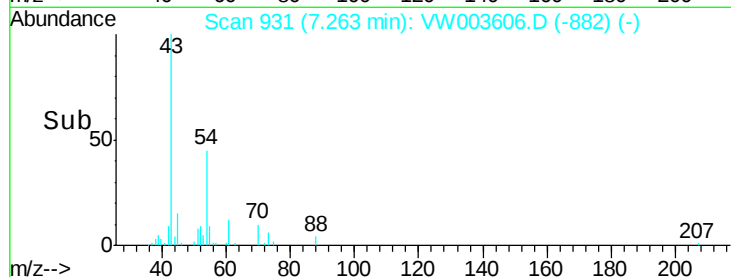
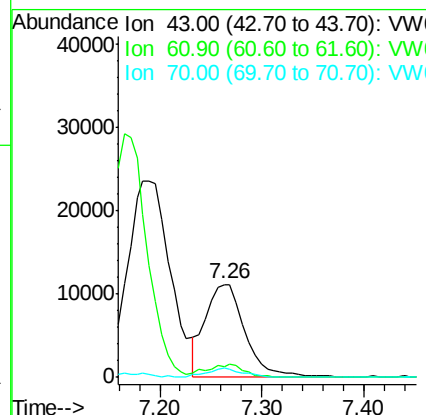
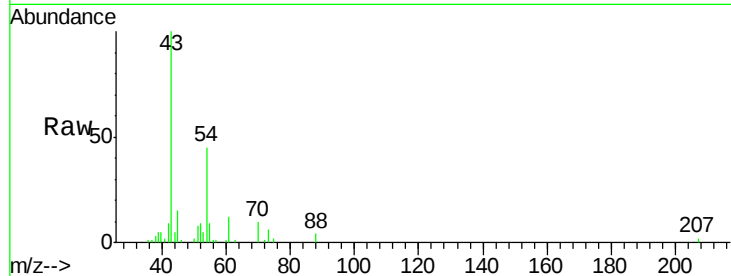
#37
Ethyl Acetate
Concen: 22.22 ug/l
RT: 7.26 min Scan# 931
Delta R.T. 0.00 min
Lab File: VW003606.D
Acq: 27 Jun 2018 12:05

Instrument :
MSVOA_W
ClientSampleId :
VW0627SBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	10.8	16.2
70	9.1	7.8	11.6

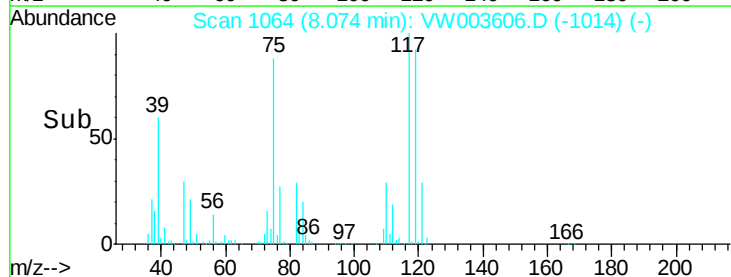
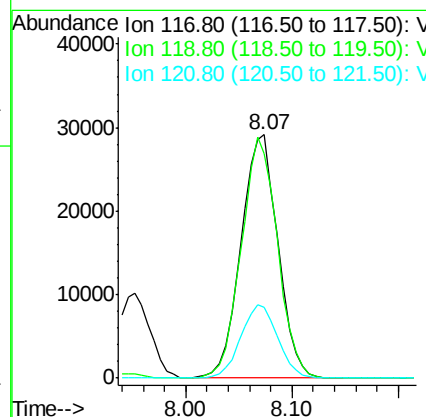
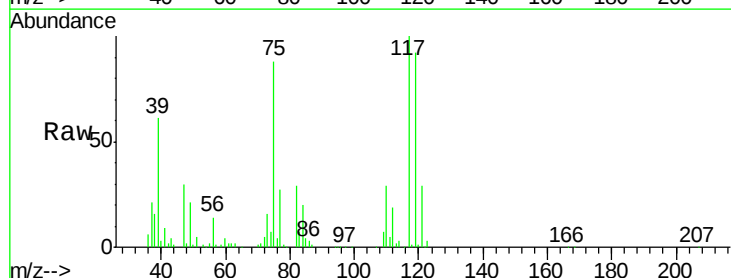
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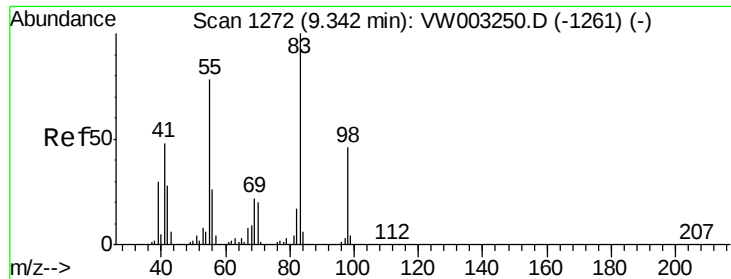
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#38
Carbon Tetrachloride
Concen: 22.38 ug/l
RT: 8.07 min Scan# 1064
Delta R.T. 0.01 min
Lab File: VW003606.D
Acq: 27 Jun 2018 12:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.0	76.6	115.0
121	28.9	23.9	35.9





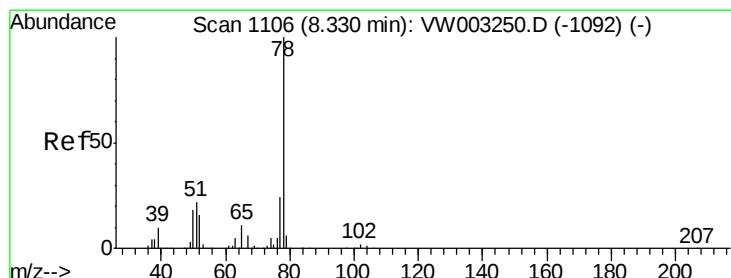
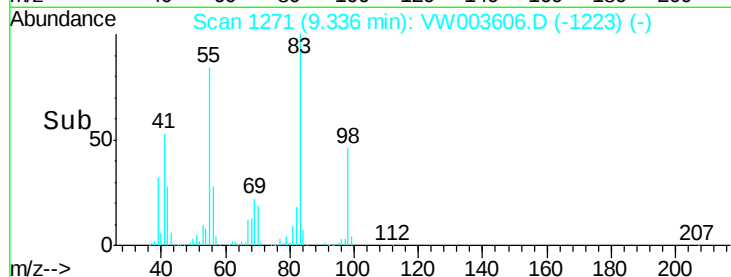
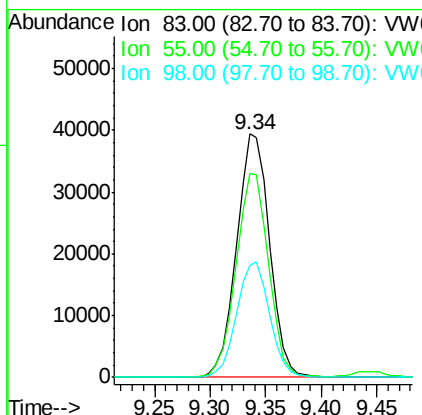
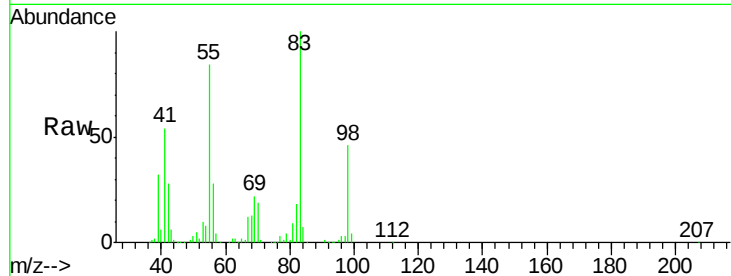
#39
Methvlcvclohexane
Concen: 21.61 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.01 min
Lab File: VW003606.D
Acq: 27 Jun 2018 12:05

Instrument :
MSVOA_W
ClientSampleId :
VW0627SBSD02

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	83.7		62.6	93.8
98	46.0		37.0	55.4

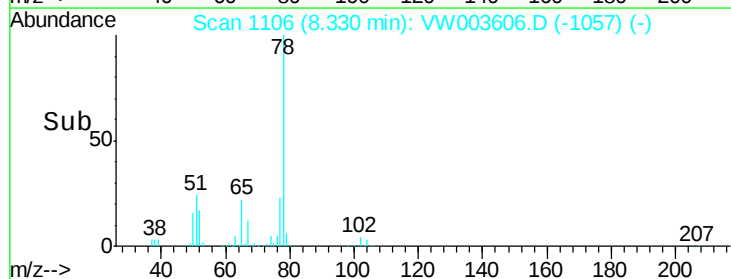
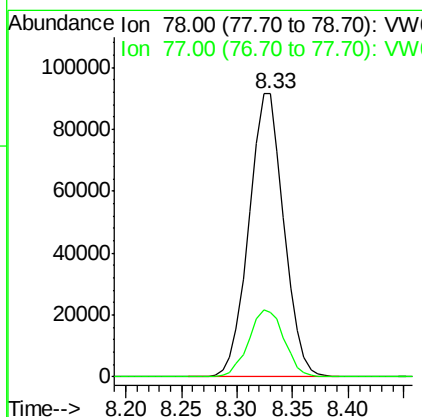
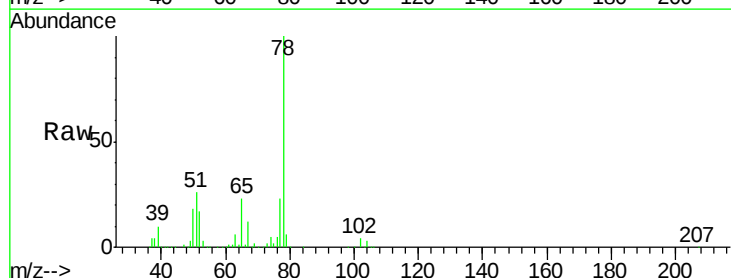
Manual Integrations
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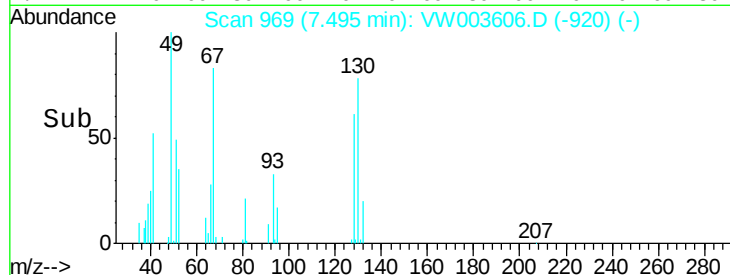
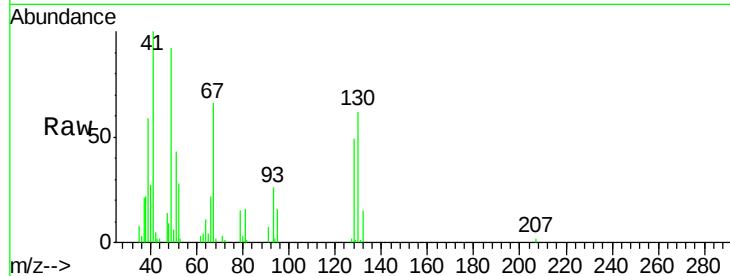
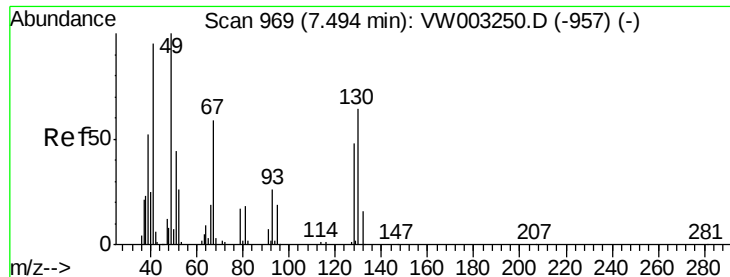
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#40
Benzene
Concen: 22.44 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VW003606.D
Acq: 27 Jun 2018 12:05

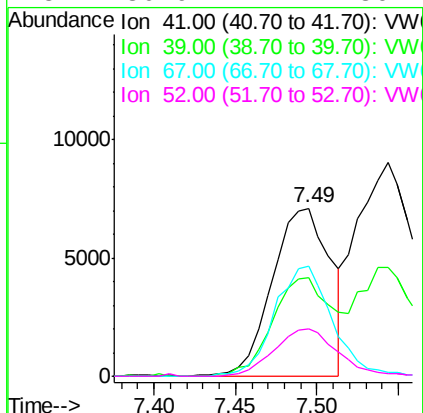
Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	22.8		19.0	28.6





#41
Methacrylonitrile
Concen: 21.41 ug/l
RT: 7.49 min Scan# 969
Delta R.T. 0.00 min
Lab File: VW003606.D
Acq: 27 Jun 2018 12:05

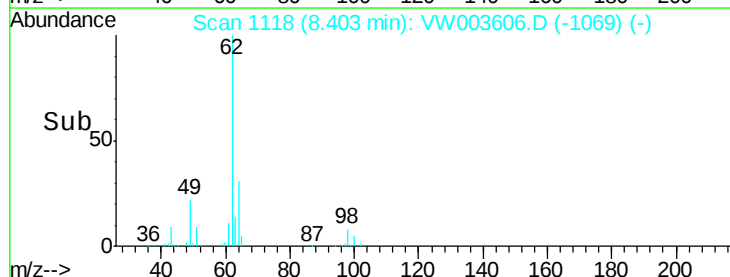
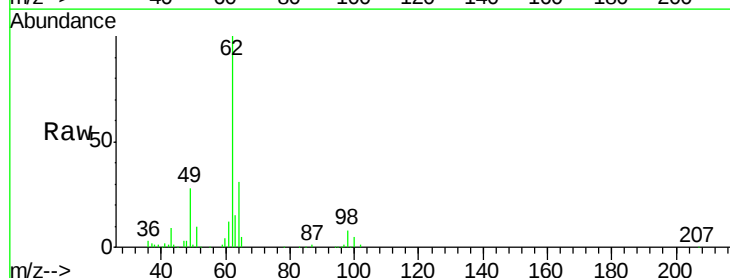
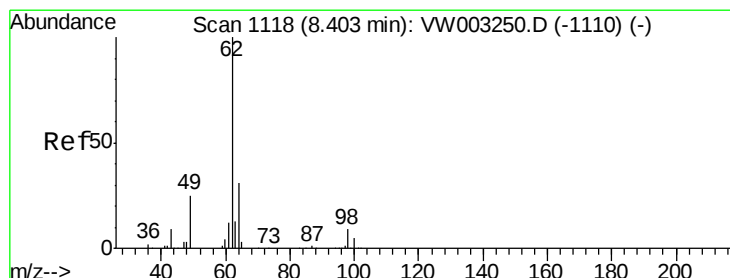
Tot Ion	41	Resp	17611
Ion Ratio	Lower	Upper	
41	100		
39	64.1	45.8	68.8
67	64.8	52.3	78.5
52	30.9	24.1	36.1



Instrument :
MSVOA_W
ClientSampleId :
VW0627SBS02

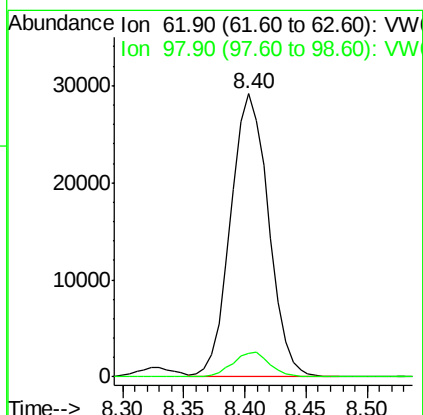
Manual Integrations
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#42
1,2-Dichloroethane
Concen: 22.48 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW003606.D
Acq: 27 Jun 2018 12:05

Tgt Ion	62	Resp	62810
Ion Ratio	Lower	Upper	
62	100		
98	8.4	0.0	17.2





#43

Isopropyl Acetate

Concen: 21.17 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VW003606.D

Acq: 27 Jun 2018 12:05

Instrument :

MSVOA_W

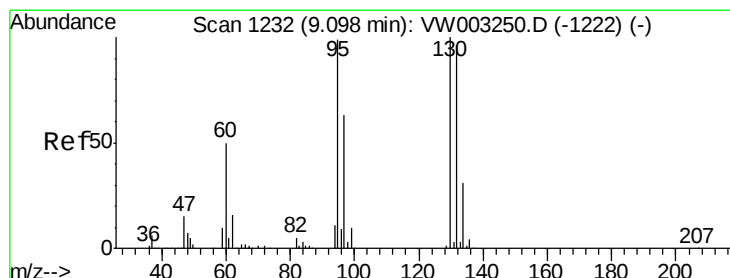
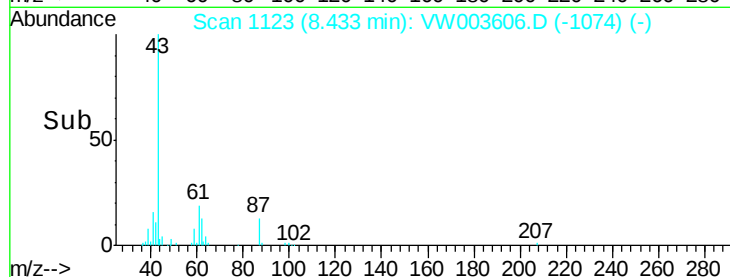
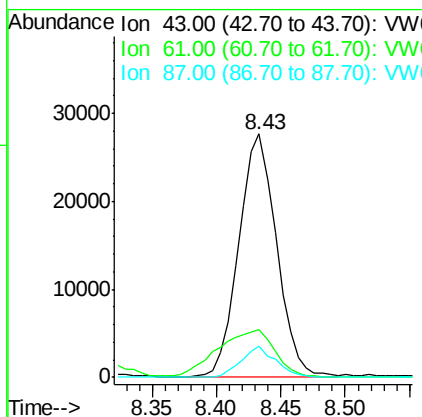
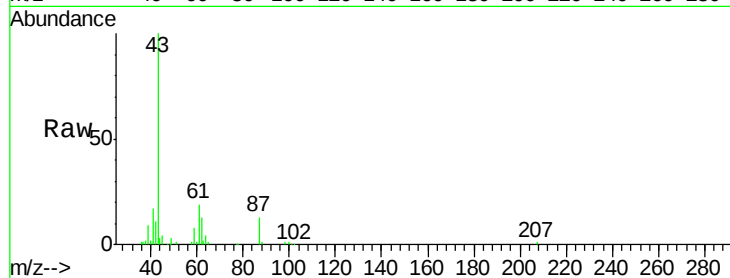
ClientSampleId :

VW0627SBS02

Tot Ion:	43	Resp:	56345
Ion	Ratio	Lower	Upper
43	100		
61	29.9	23.1	34.7
87	11.8	9.8	14.6

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#44

Trichloroethene

Concen: 21.84 ug/l

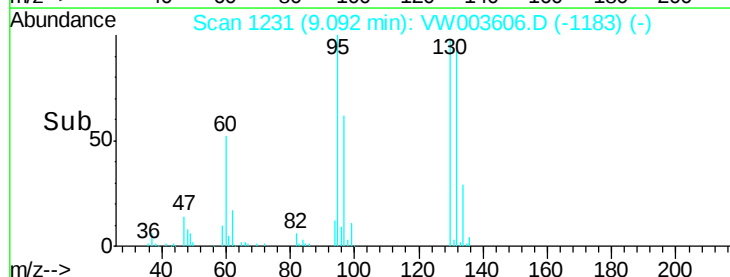
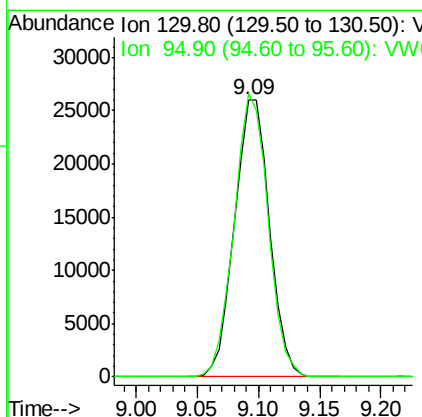
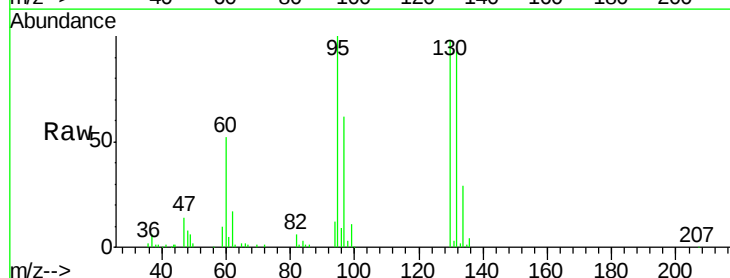
RT: 9.09 min Scan# 1231

Delta R.T. -0.01 min

Lab File: VW003606.D

Acq: 27 Jun 2018 12:05

Tgt Ion:	130	Resp:	51620
Ion	Ratio	Lower	Upper
130	100		
95	102.1	0.0	198.0





#45

1,2-Dichloropropane

Concen: 22.59 ug/l

RT: 9.37 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VW003606.D

Acq: 27 Jun 2018 12:05

Instrument :

MSVOA_W

ClientSampleId :

VW0627SBS02

Tot Ion: 63 Resp: 51301

Ion Ratio Lower Upper

63 100

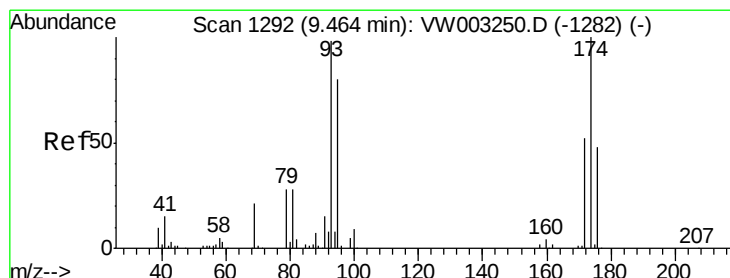
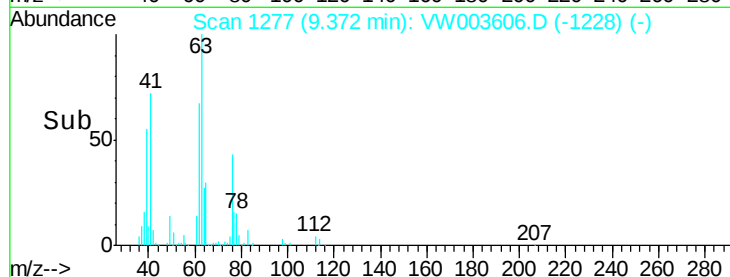
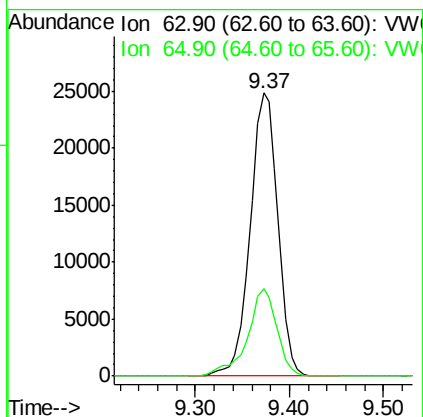
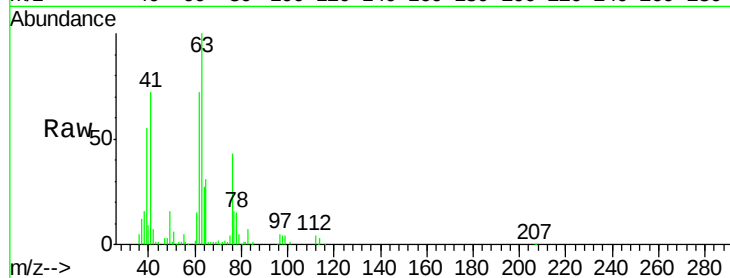
65 30.8 25.1 37.7

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#46

Dibromomethane

Concen: 21.27 ug/l

RT: 9.46 min Scan# 1292

Delta R.T. 0.00 min

Lab File: VW003606.D

Acq: 27 Jun 2018 12:05

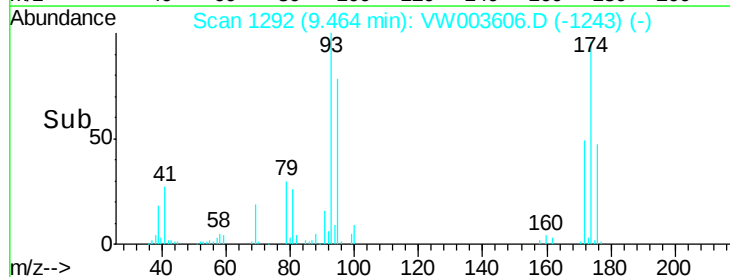
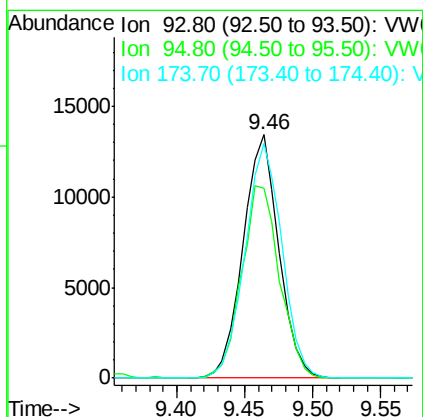
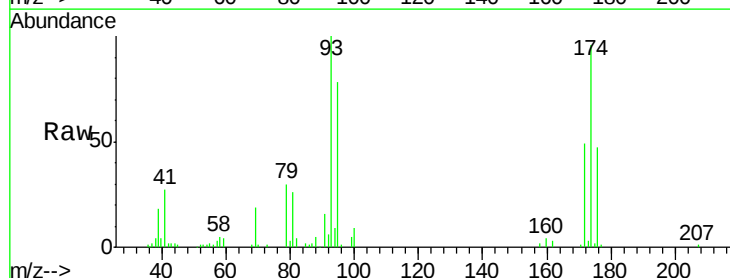
Tgt Ion: 93 Resp: 24730

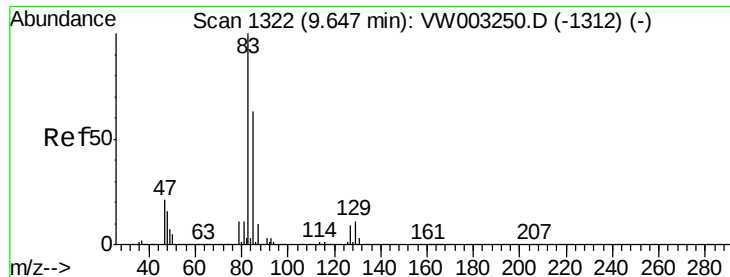
Ion Ratio Lower Upper

93 100

95 83.7 65.8 98.8

174 99.6 81.4 122.0





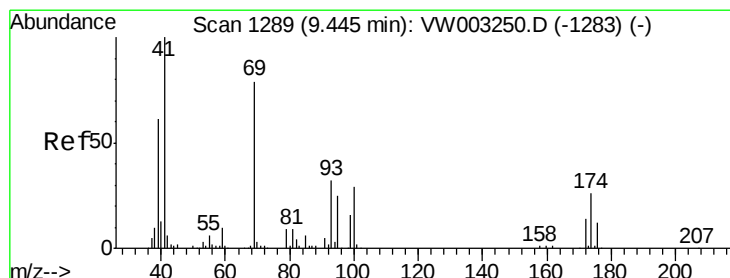
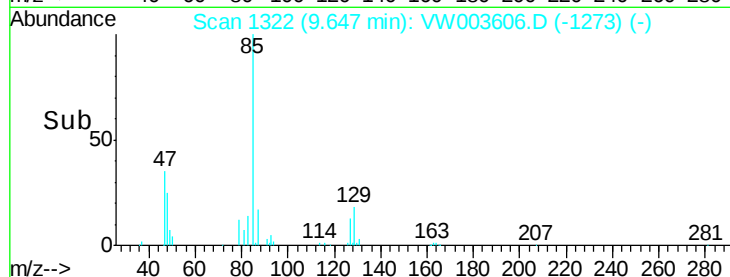
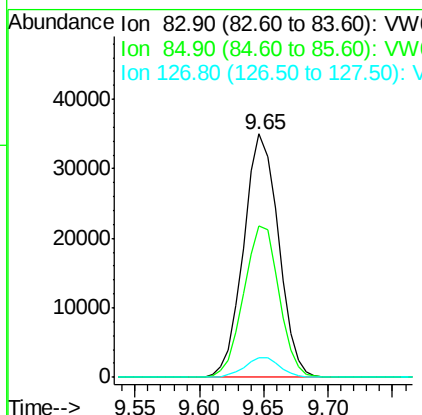
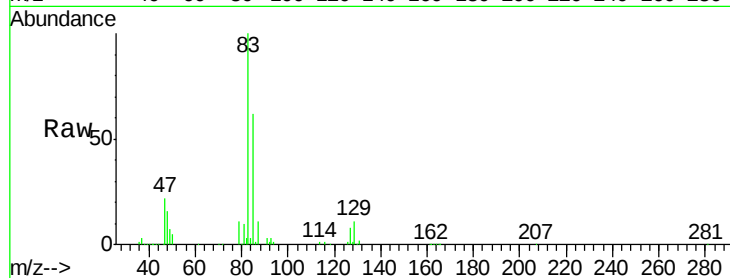
#47
Bromodichloromethane
Concen: 22.03 ug/l
RT: 9.65 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VW003606.D
Acq: 27 Jun 2018 12:05

Instrument :
MSVOA_W
ClientSampleId :
VW0627SBSD02

Tot Ion	83	Resp	65649
Ion Ratio	100	Lower	Upper
83	100		
85	62.3	50.6	75.8
127	8.1	6.8	10.2

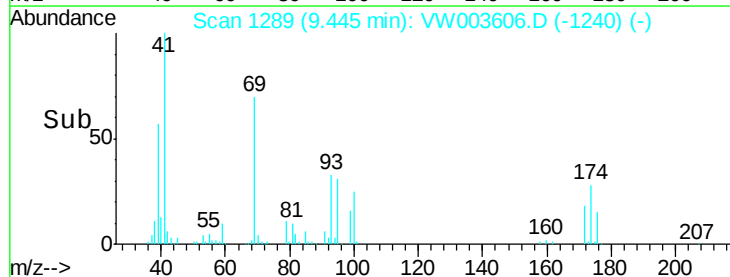
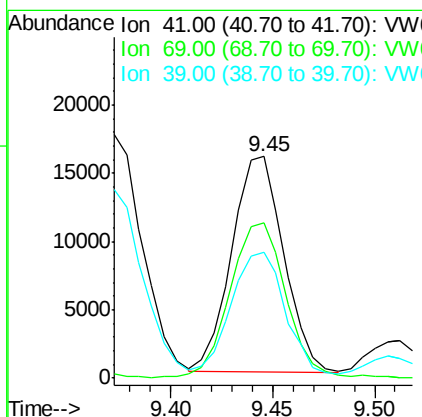
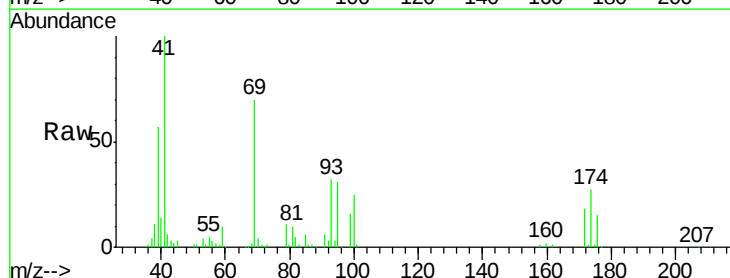
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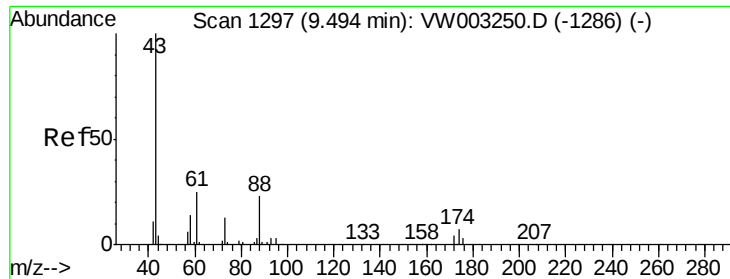
apatel
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#48
Methyl methacrylate
Concen: 22.37 ug/l
RT: 9.45 min Scan# 1289
Delta R.T. 0.00 min
Lab File: VW003606.D
Acq: 27 Jun 2018 12:05

Tgt Ion	41	Resp	27978
Ion Ratio	100	Lower	Upper
41	100		
69	78.0	65.4	98.2
39	57.6	54.2	81.2





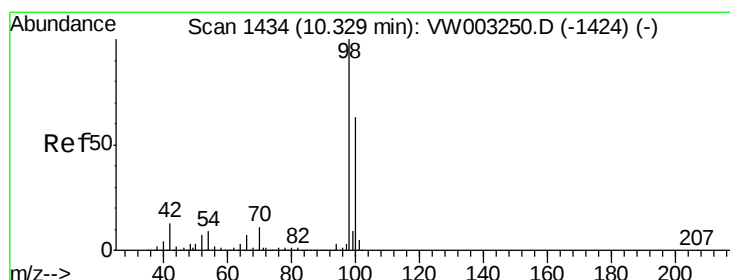
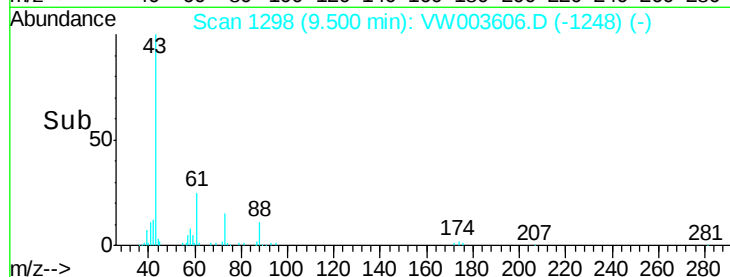
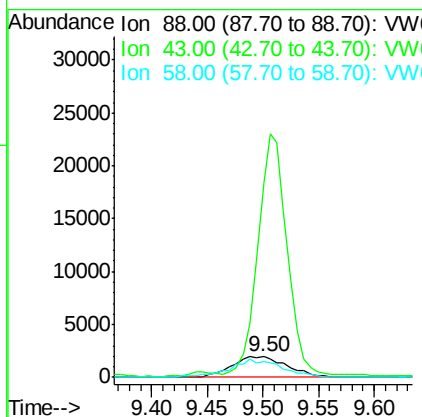
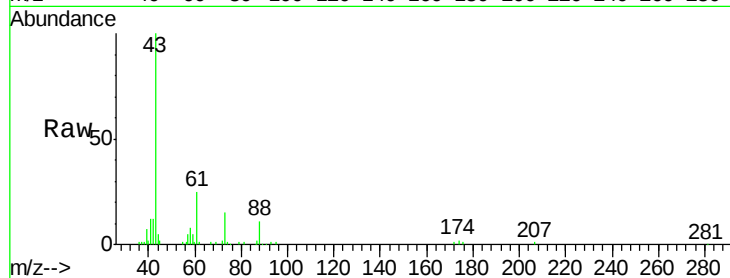
#49
1,4-Dioxane
Concen: 386.58 ug/l
RT: 9.50 min Scan# 1298
Delta R.T. 0.01 min
Lab File: VW003606.D
Acq: 27 Jun 2018 12:05

Instrument :
MSVOA_W
ClientSampleId :
VW0627SBSD02

Tot Ion	Ratio	Lower	Upper
88	100		
43	610.8	454.7	682.1
58	81.9	58.6	88.0

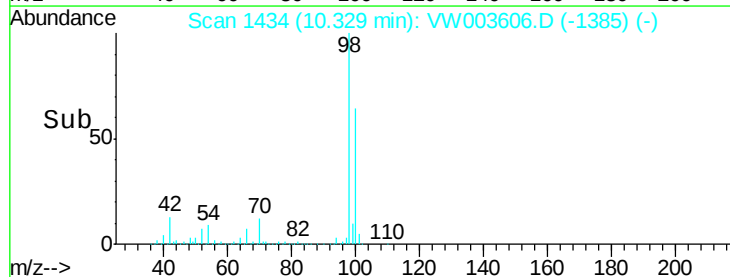
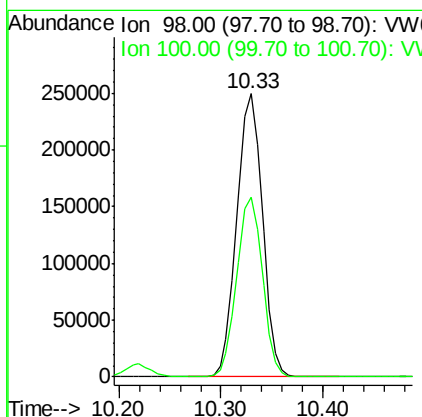
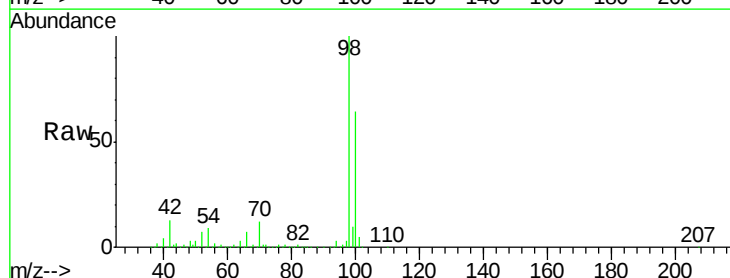
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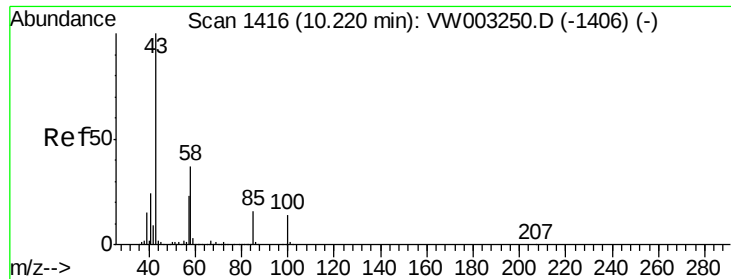
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#50
Toluene-d8
Concen: 52.73 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW003606.D
Acq: 27 Jun 2018 12:05

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.6	50.8	76.2





#51

4-Methyl-2-Pentanone

Concen: 109.58 ug/l

RT: 10.22 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VW003606.D

Acq: 27 Jun 2018 12:05

Instrument :

MSVOA_W

ClientSampleId :

VW0627SBSD02

Tot Ion: 43 Resp: 148610

Ion Ratio Lower Upper

43 100

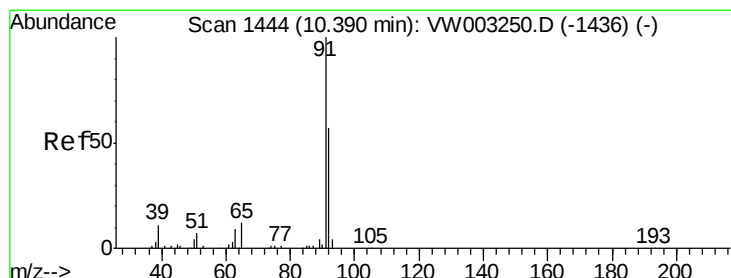
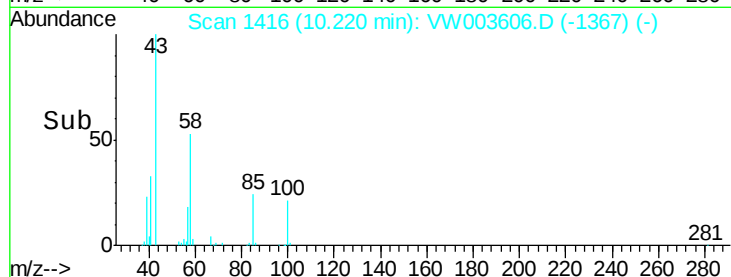
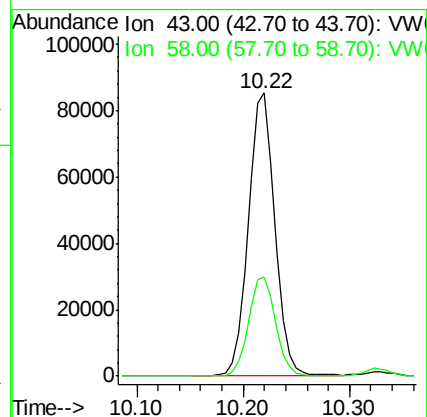
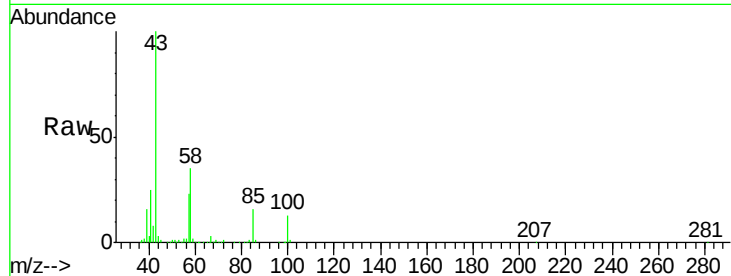
58 35.8 29.0 43.4

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#52

Toluene

Concen: 22.40 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW003606.D

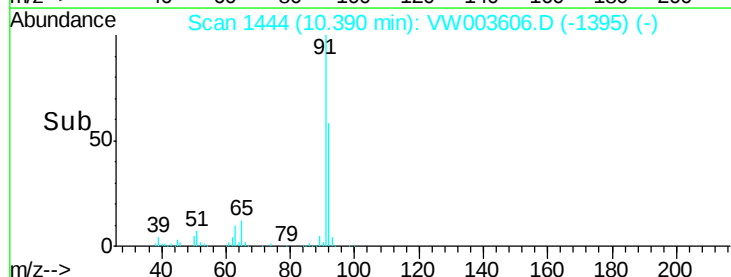
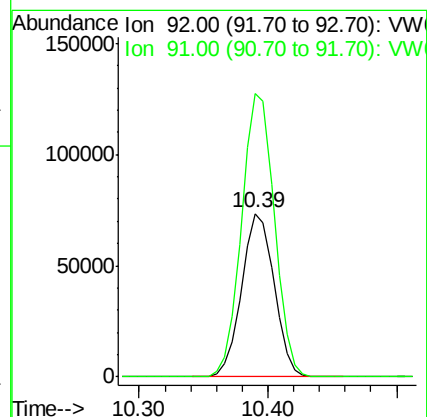
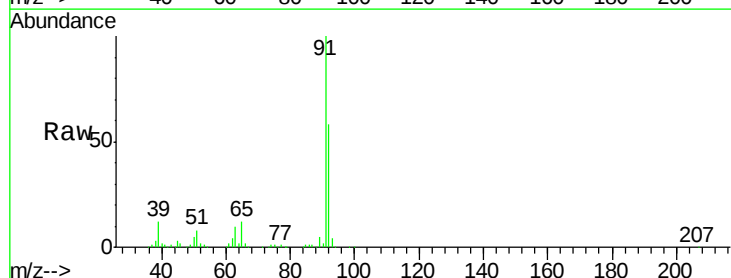
Acq: 27 Jun 2018 12:05

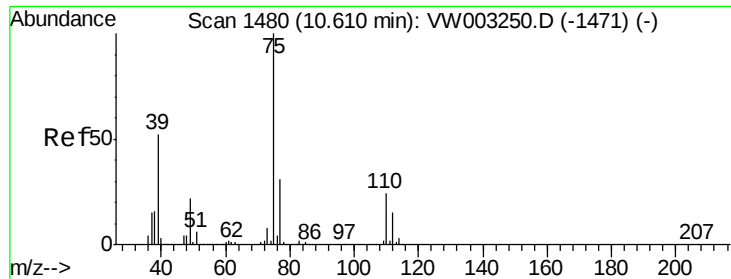
Tgt Ion: 92 Resp: 128099

Ion Ratio Lower Upper

92 100

91 175.2 141.1 211.7





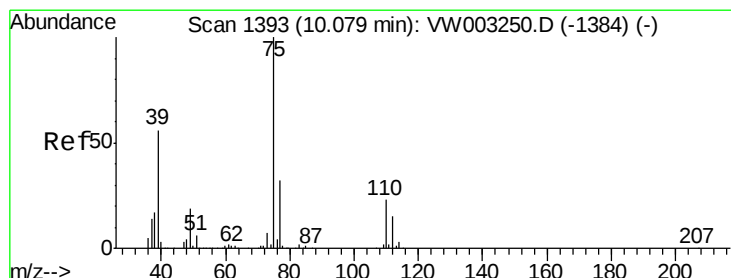
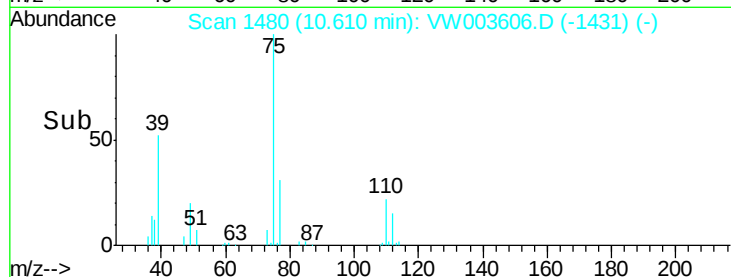
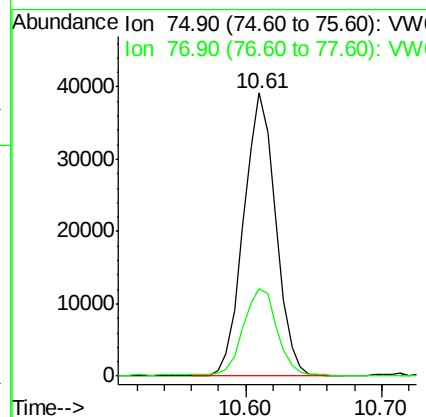
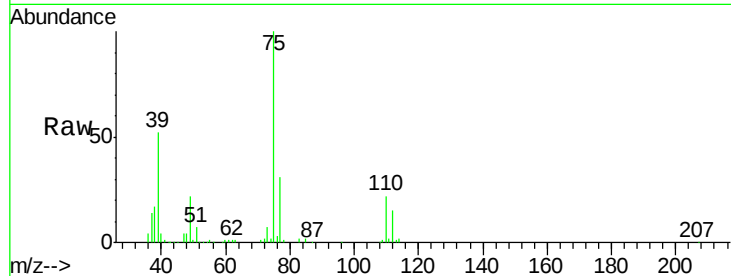
#53
t-1,3-Dichloropropene
Concen: 21.23 ug/l
RT: 10.61 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VW003606.D
Acq: 27 Jun 2018 12:05

Instrument :
MSVOA_W
ClientSampleId :
VW0627SBSD02

Tot Ion: 75 Resp: 64638
Ion Ratio Lower Upper
75 100
77 30.7 24.9 37.3

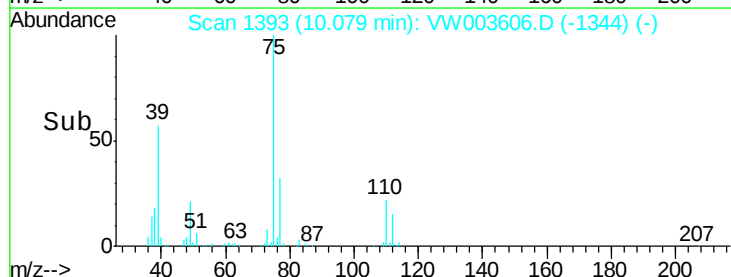
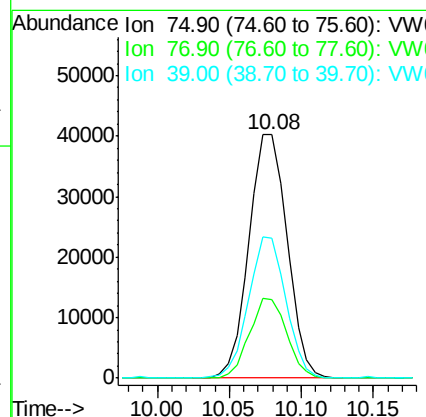
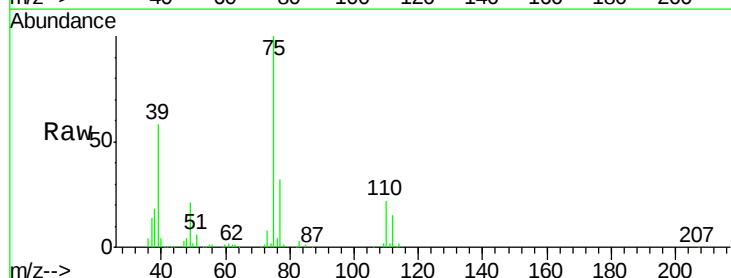
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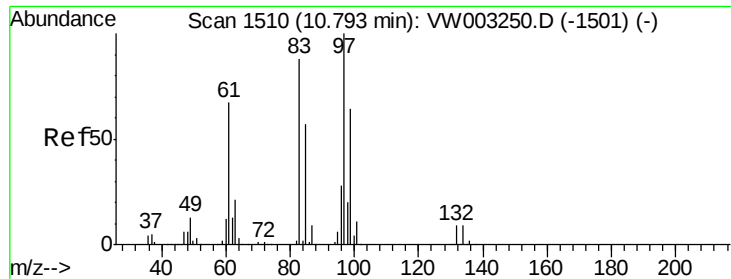
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#54
cis-1,3-Dichloropropene
Concen: 21.34 ug/l
RT: 10.08 min Scan# 1393
Delta R.T. 0.00 min
Lab File: VW003606.D
Acq: 27 Jun 2018 12:05

Tgt Ion: 75 Resp: 73924
Ion Ratio Lower Upper
75 100
77 32.4 25.8 38.6
39 57.5 45.2 67.8





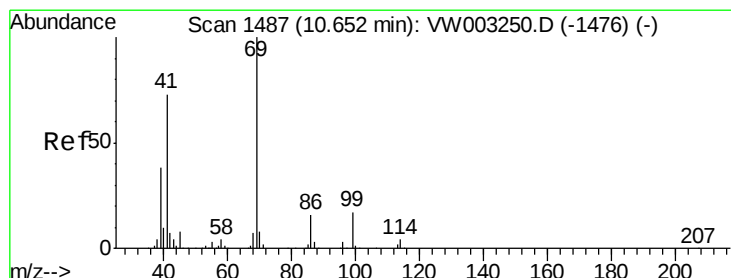
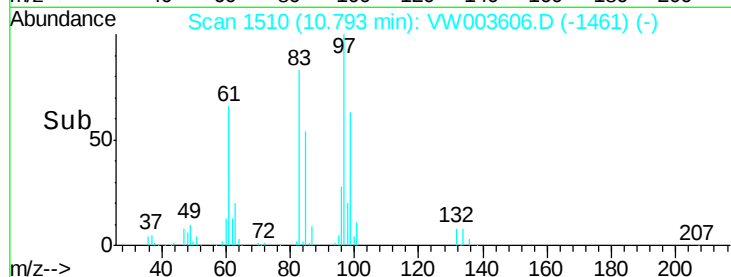
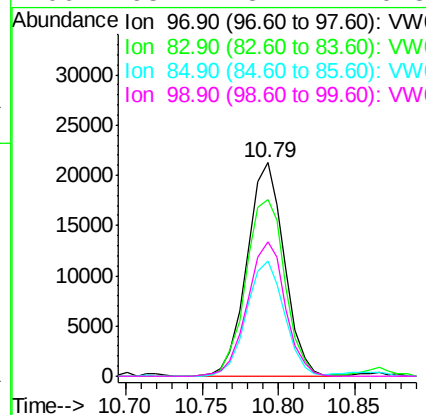
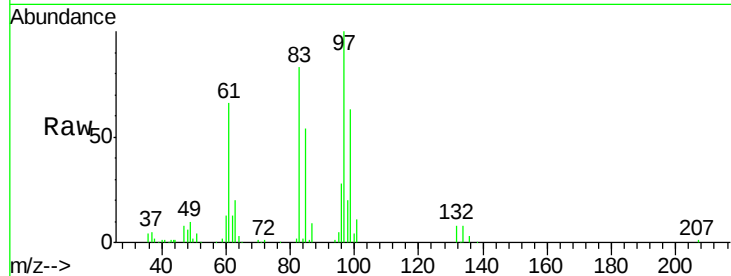
#55
 1,1,2-Trichloroethane
 Concen: 21.97 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW003606.D
 Acq: 27 Jun 2018 12:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0627SBS02

Tot Ion	Ratio	Lower	Upper
97	100		
83	82.8	70.2	105.2
85	54.2	45.6	68.4
99	63.1	51.2	76.8

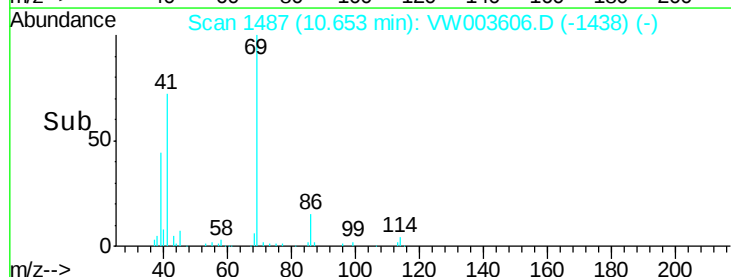
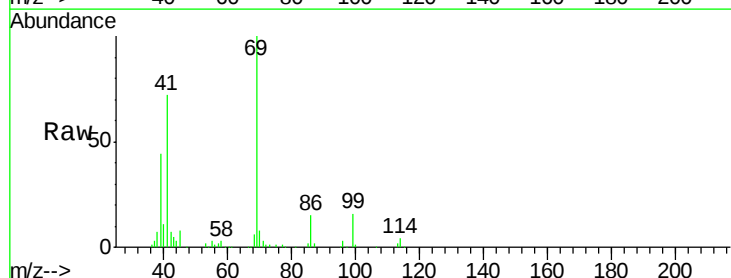
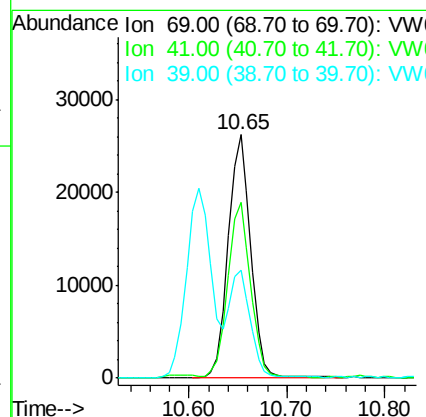
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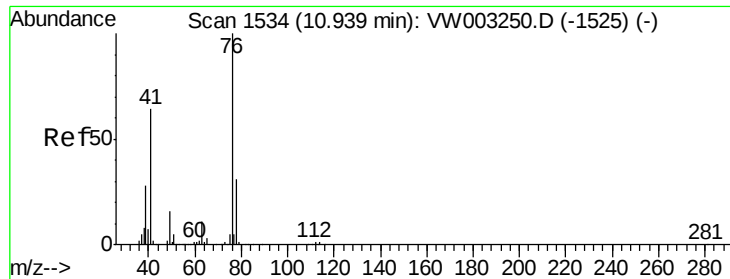
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#56
 Ethyl methacrylate
 Concen: 21.07 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW003606.D
 Acq: 27 Jun 2018 12:05

Tgt Ion	Ratio	Lower	Upper
69	100		
41	73.0	57.8	86.6
39	41.1	32.7	49.1





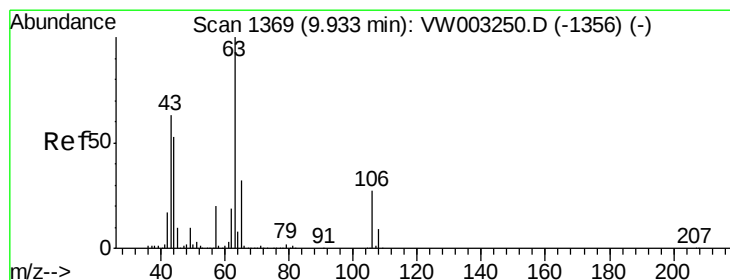
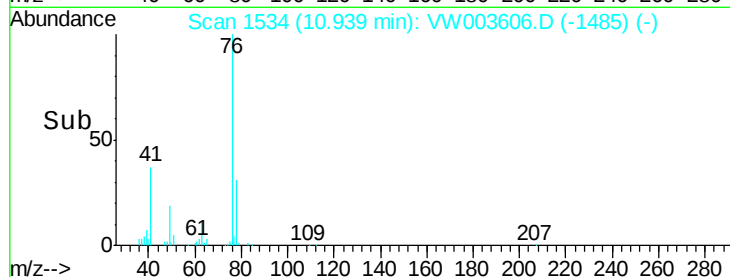
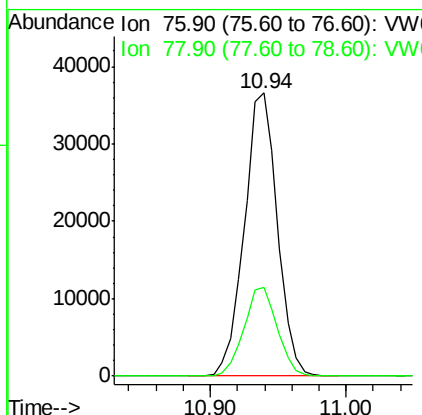
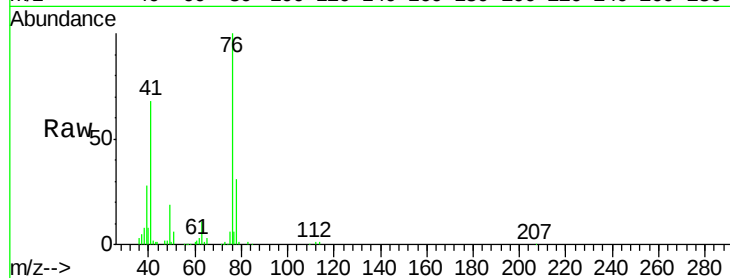
#57
 1,3-Dichloropropane
 Concen: 21.98 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VW003606.D
 Acq: 27 Jun 2018 12:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0627SBS02

Tot Ion: 76 Resp: 62108
 Ion Ratio Lower Upper
 76 100
 78 31.5 25.7 38.5

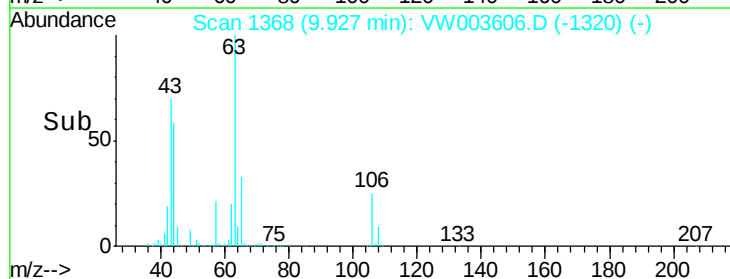
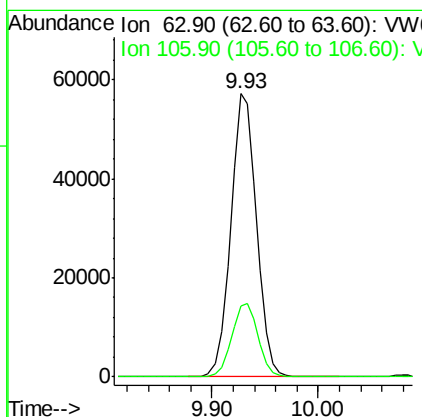
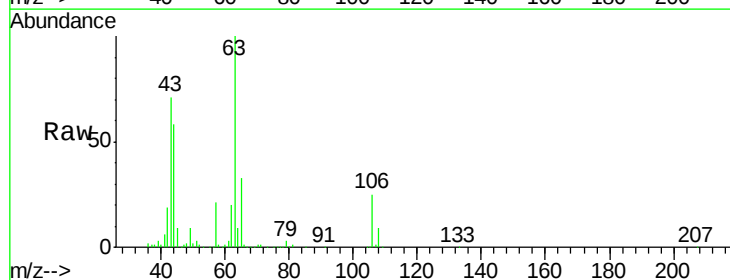
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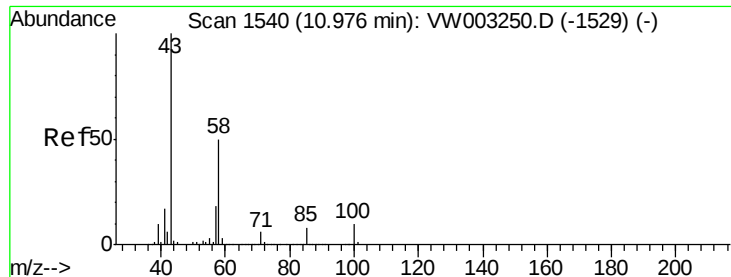
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#58
 2-Chloroethyl Vinyl ether
 Concen: 108.15 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: VW003606.D
 Acq: 27 Jun 2018 12:05

Tgt Ion: 63 Resp: 96451
 Ion Ratio Lower Upper
 63 100
 106 26.6 21.8 32.8





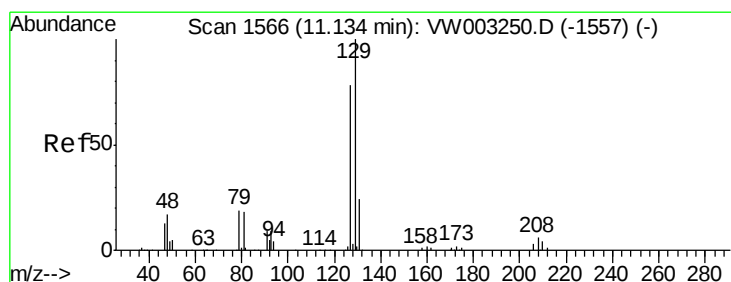
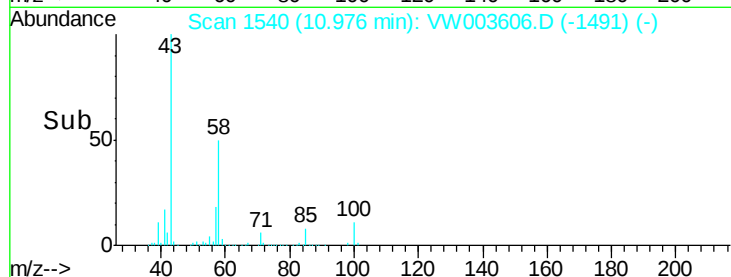
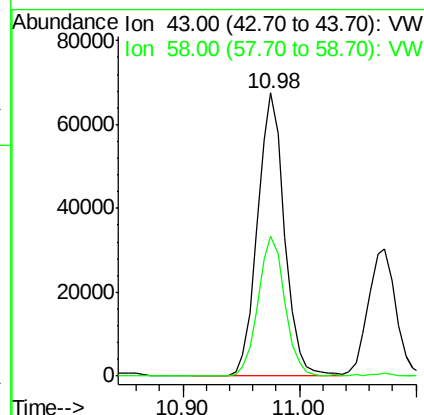
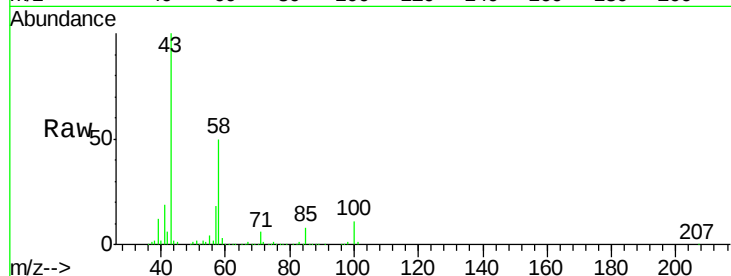
#59
2-Hexanone
Concen: 115.56 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW003606.D
Acq: 27 Jun 2018 12:05

Instrument :
MSVOA_W
ClientSampleId :
VW0627SBS02

Tot Ion	Ratio	Lower	Upper
43	100		
58	49.1	25.0	75.0

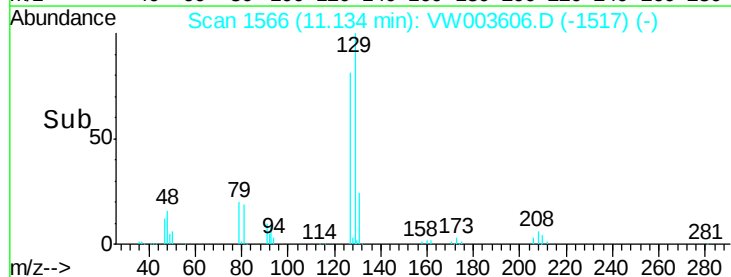
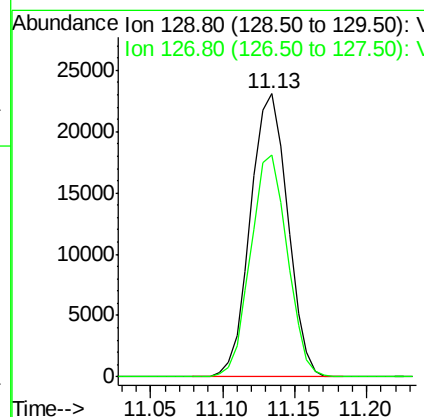
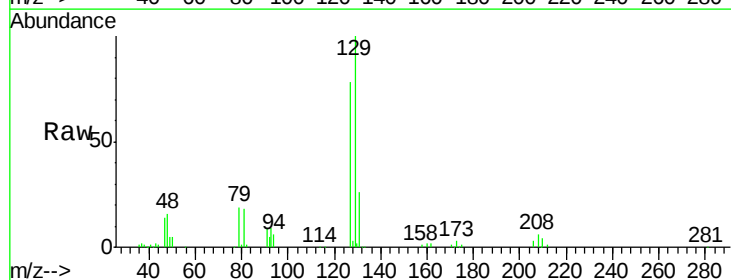
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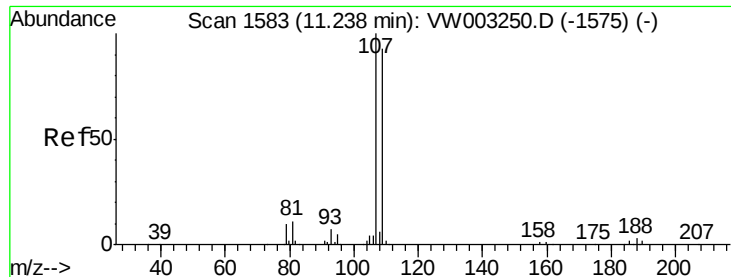
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#60
Dibromochloromethane
Concen: 21.22 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW003606.D
Acq: 27 Jun 2018 12:05

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.1	39.1	117.5





#61

1,2-Dibromoethane

Concen: 21.58 ug/l

RT: 11.24 min Scan# 1584

Delta R.T. 0.01 min

Lab File: VW003606.D

Acq: 27 Jun 2018 12:05

Instrument :

MSVOA_W

ClientSampleId :

VW0627SBS02

Tot Ion: 107 Resp: 33436

Ion Ratio Lower Upper

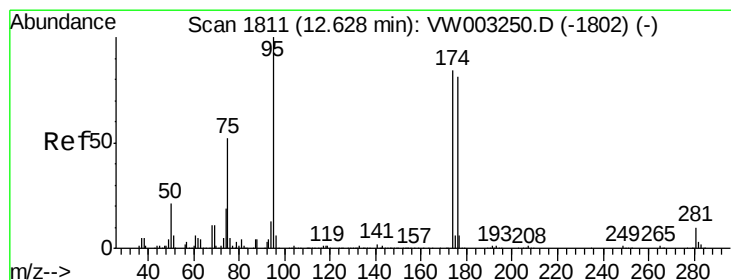
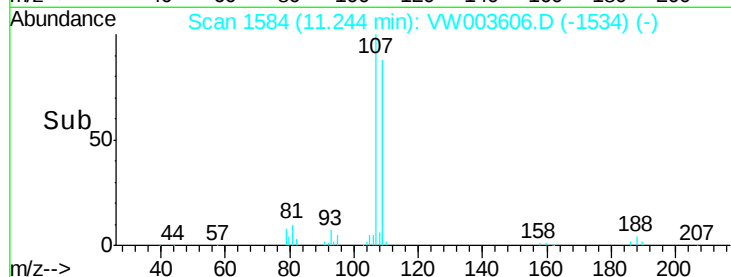
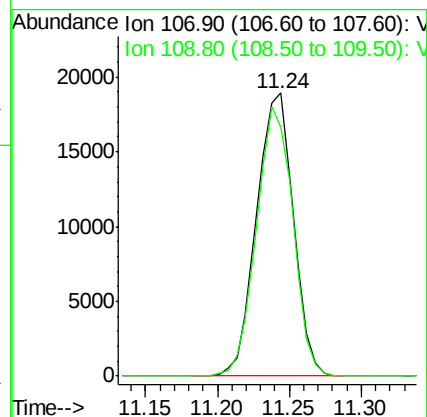
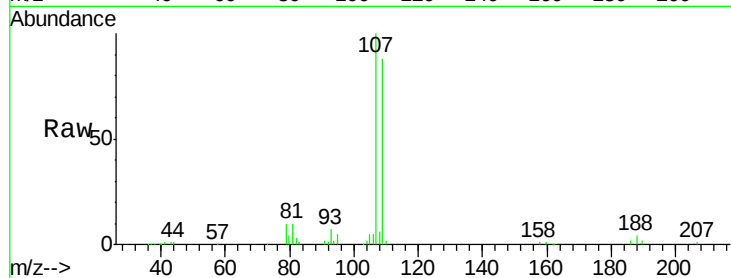
107 100

109 94.4 75.8 113.6

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#62

4-Bromofluorobenzene

Concen: 52.82 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.01 min

Lab File: VW003606.D

Acq: 27 Jun 2018 12:05

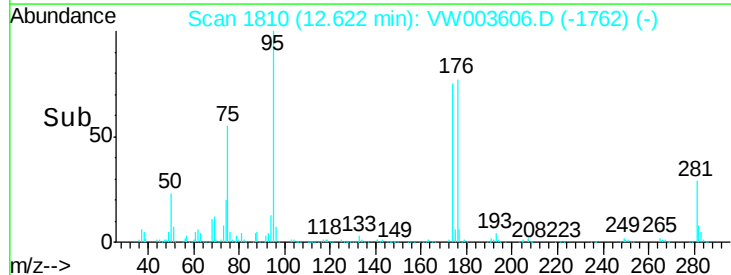
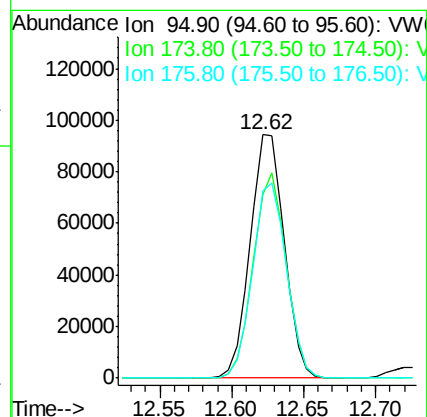
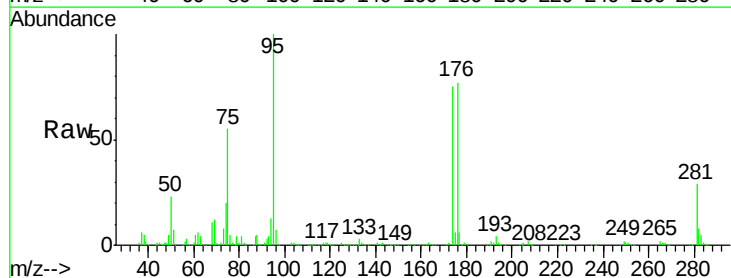
Tgt Ion: 95 Resp: 154291

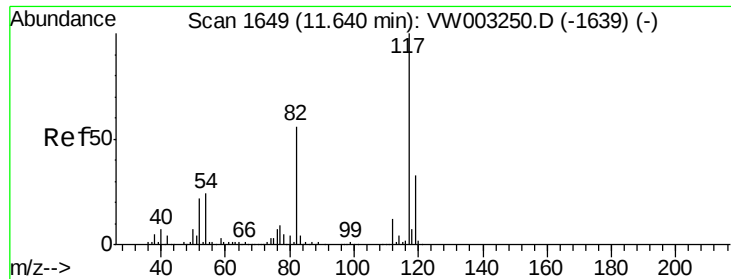
Ion Ratio Lower Upper

95 100

174 81.4 0.0 166.4

176 79.6 0.0 162.0





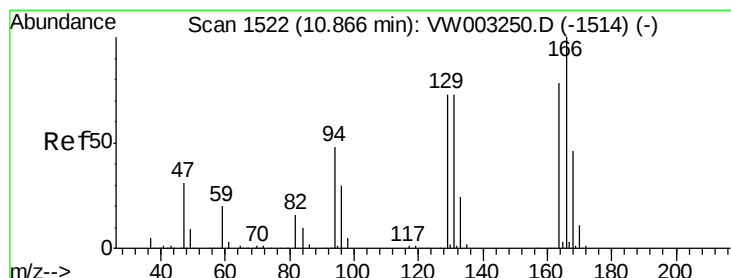
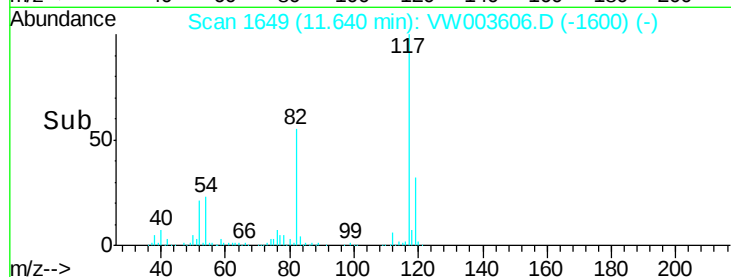
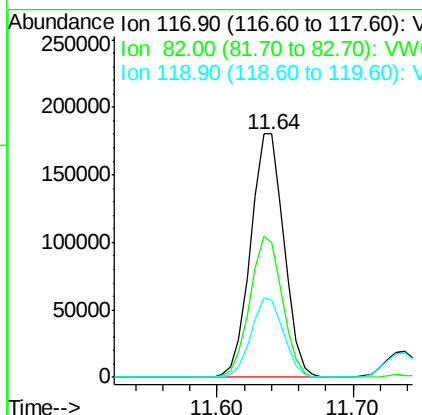
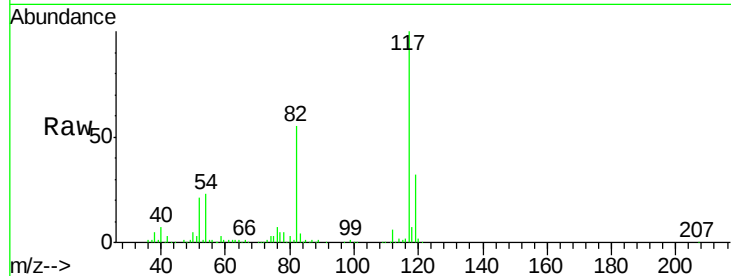
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VW003606.D
Acq: 27 Jun 2018 12:05

Instrument :
MSVOA_W
ClientSampleId :
VW0627SBSD02

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.4	44.6	67.0
119	31.8	26.7	40.1

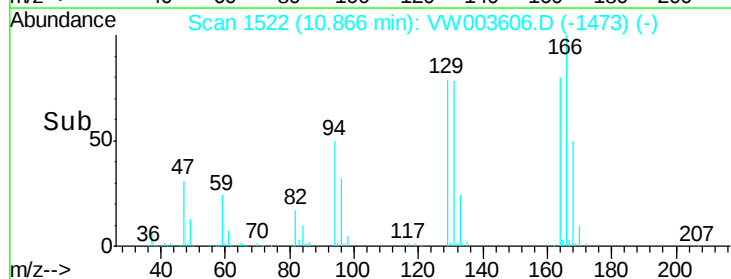
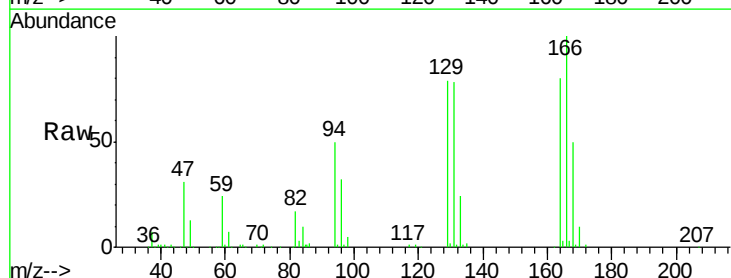
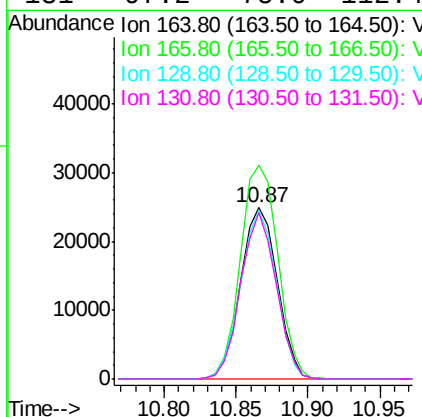
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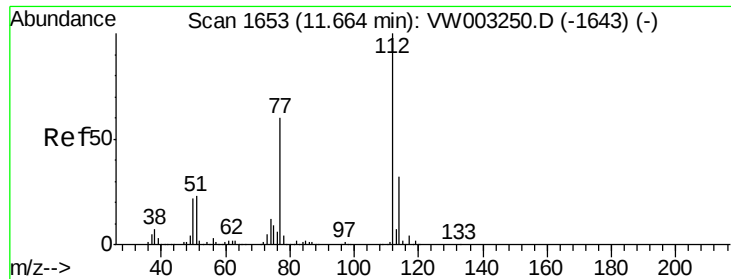
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#64
Tetrachloroethene
Concen: 21.37 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003606.D
Acq: 27 Jun 2018 12:05

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.8	102.6	154.0
129	98.7	75.2	112.8
131	97.2	75.0	112.4





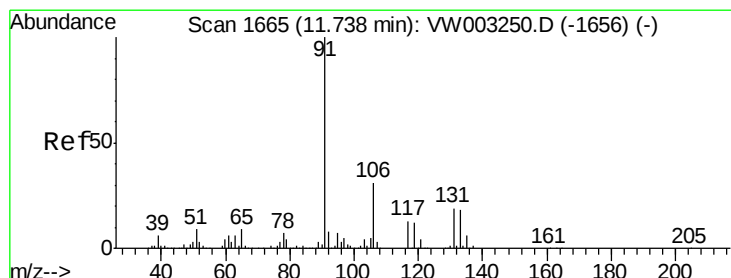
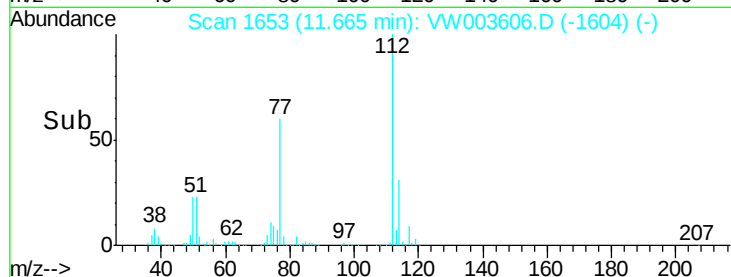
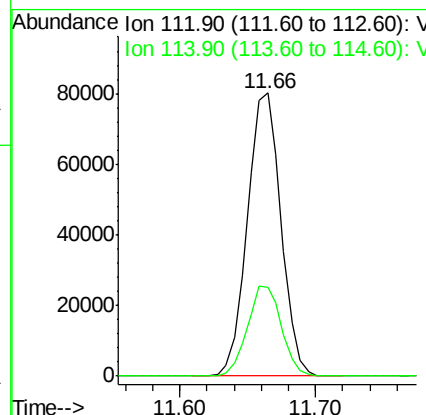
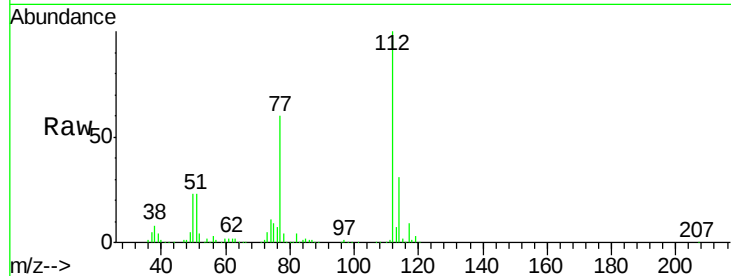
#65
Chlorobenzene
Concen: 21.50 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VW003606.D
Acq: 27 Jun 2018 12:05

Instrument :
MSVOA_W
ClientSampleId :
VW0627SBS02

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.3	25.9	38.9

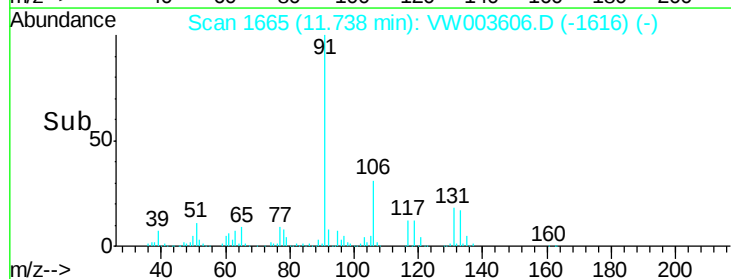
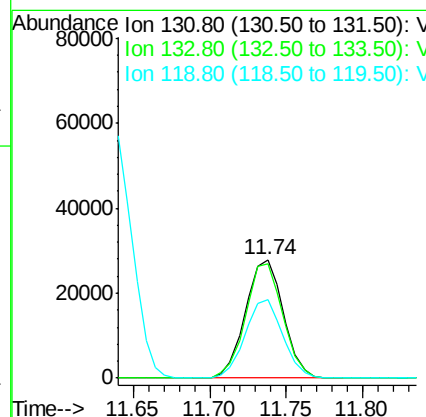
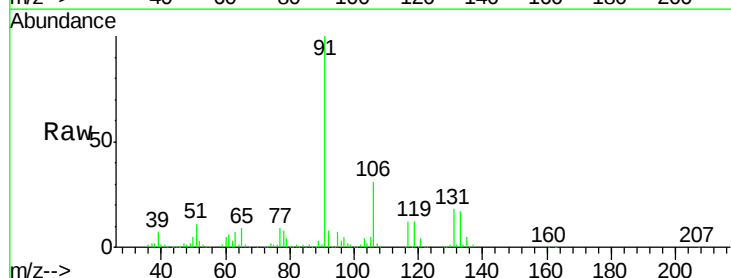
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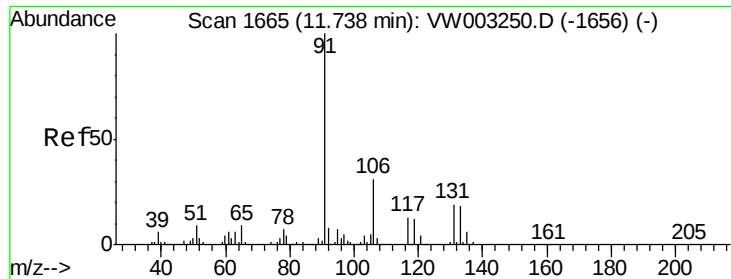
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.24 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003606.D
Acq: 27 Jun 2018 12:05

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.3	47.3	142.0
119	65.8	32.5	97.4





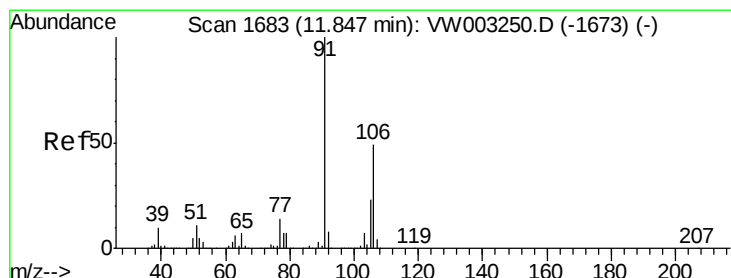
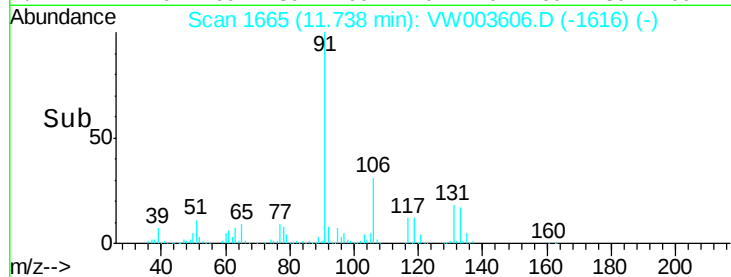
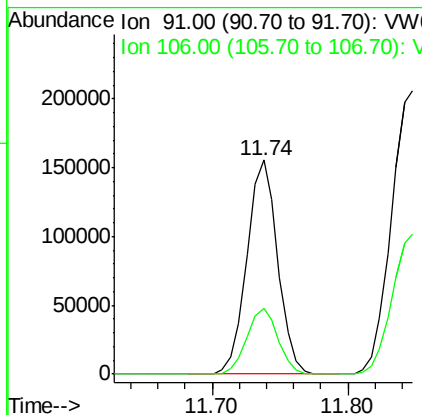
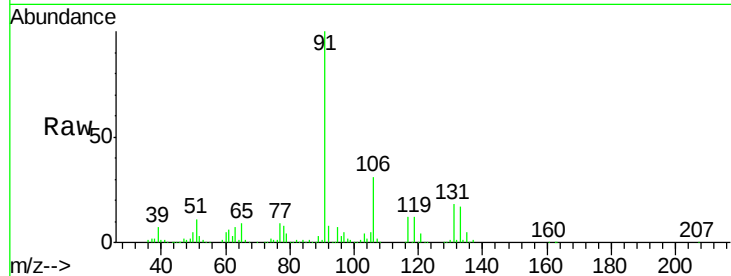
#67
Ethyl Benzene
Concen: 21.57 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003606.D
Acq: 27 Jun 2018 12:05

Instrument :
MSVOA_W
ClientSampleId :
VW0627SBS02

Tot Ion: 91 Resp: 246263
Ion Ratio Lower Upper
91 100
106 30.5 24.7 37.1

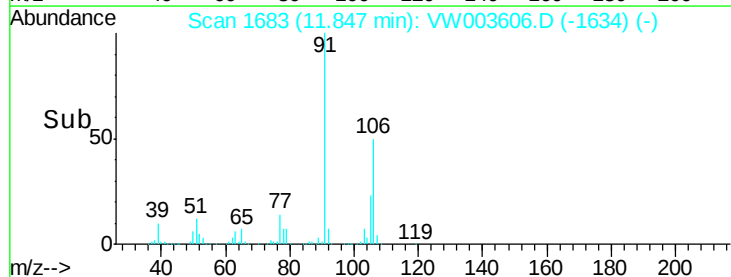
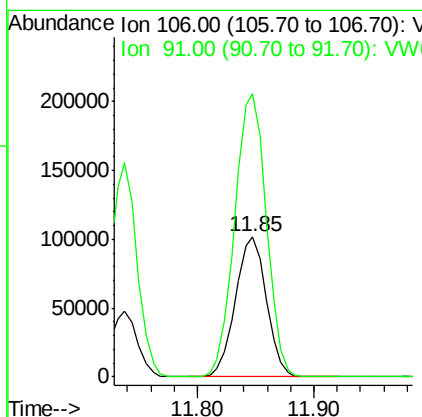
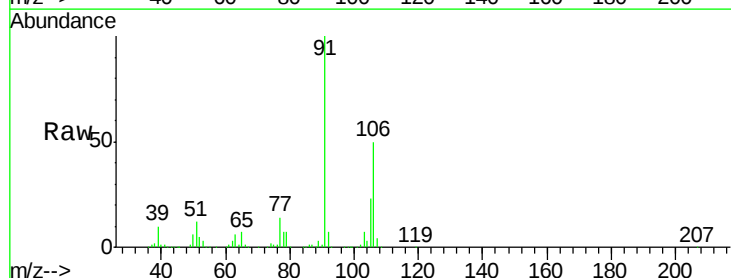
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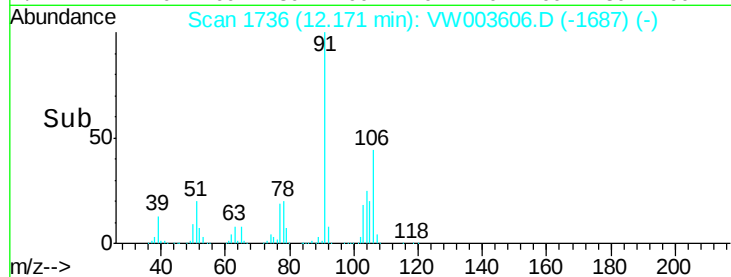
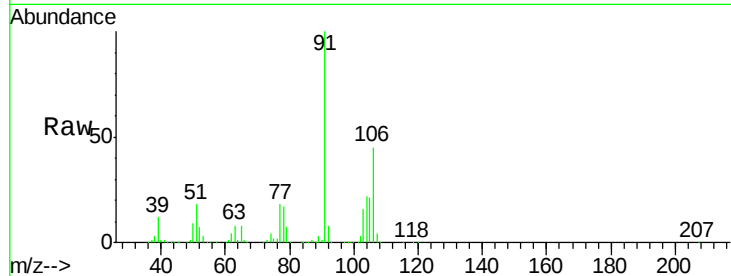
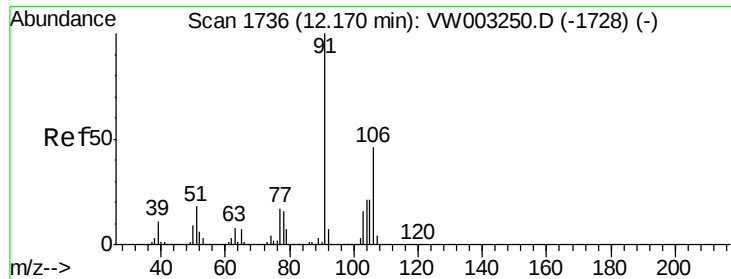
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#68
m/p-Xylenes
Concen: 43.54 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW003606.D
Acq: 27 Jun 2018 12:05

Tgt Ion: 106 Resp: 188930
Ion Ratio Lower Upper
106 100
91 206.5 165.4 248.0





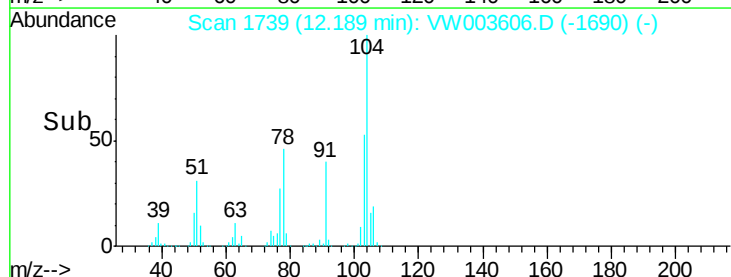
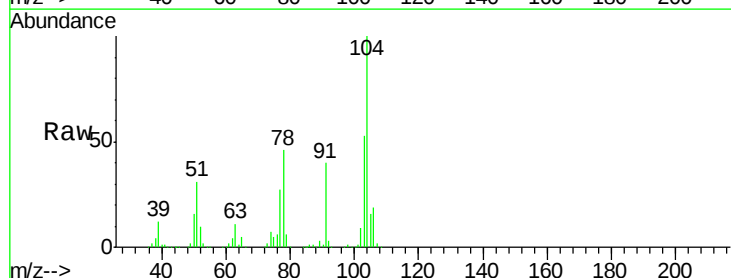
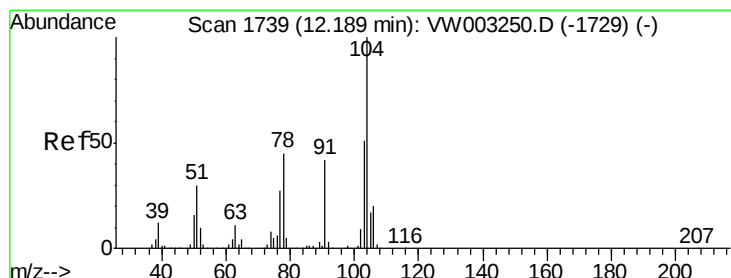
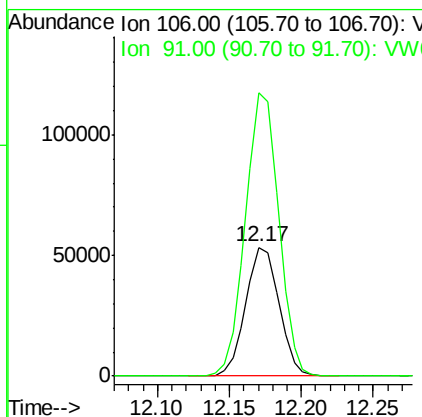
#69
o-Xylene
Concen: 21.32 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003606.D
Acq: 27 Jun 2018 12:05

Tot Ion:106 Resp: 85750
Ion Ratio Lower Upper
106 100
91 219.9 108.6 325.6

Instrument :
MSVOA_W
ClientSampleID :
VW0627SBS02

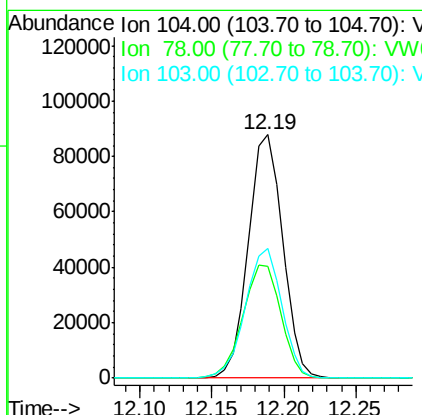
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#70
Styrene
Concen: 21.69 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW003606.D
Acq: 27 Jun 2018 12:05

Tgt Ion:104 Resp: 145157
Ion Ratio Lower Upper
104 100
78 51.6 41.3 61.9
103 56.7 45.0 67.4





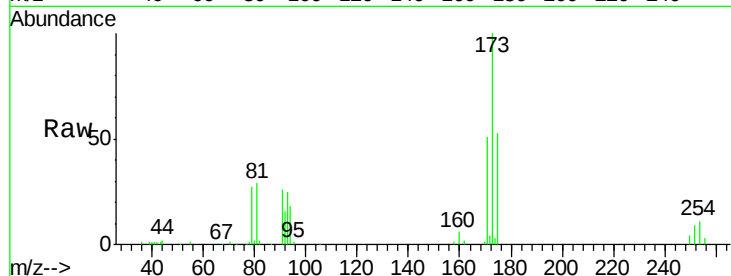
#71
Bromoform
Concen: 20.37 ug/l
RT: 12.35 min Scan# 1766
Delta R.T. 0.00 min
Lab File: VW003606.D
Acq: 27 Jun 2018 12:05

Instrument :
MSVOA_W
ClientSampleId :
VW0627SBS02

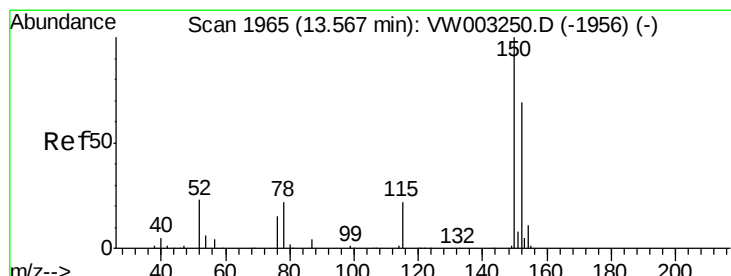
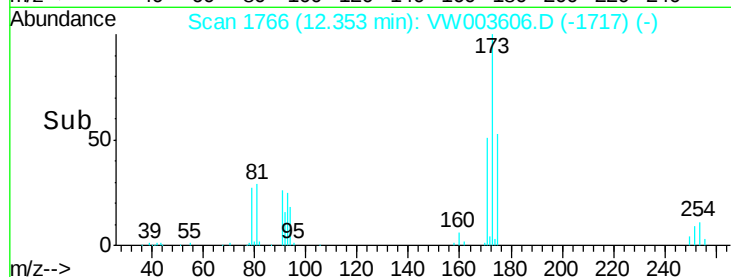
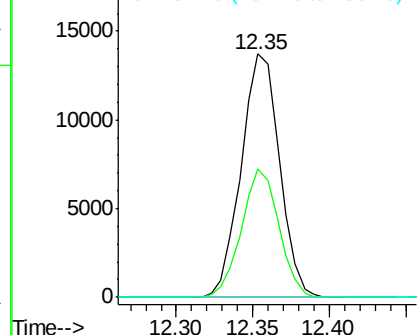
Tot Ion	Ratio	Lower	Upper
173	100		
175	51.5	24.4	73.4
254	0.0	0.1	0.1

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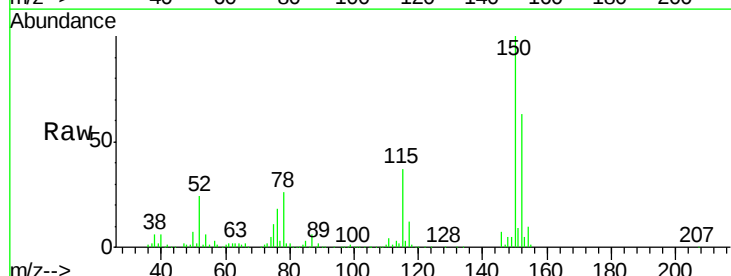


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

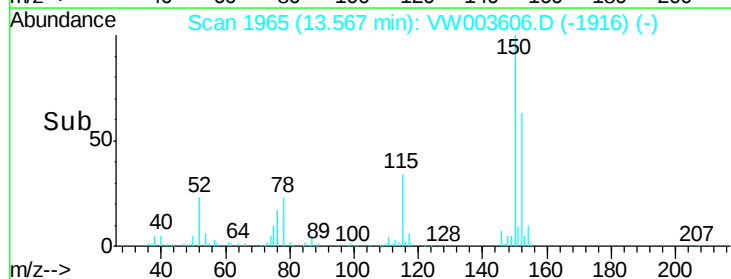
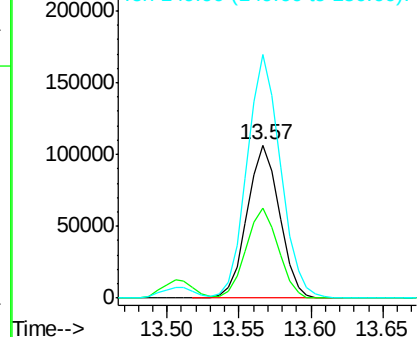


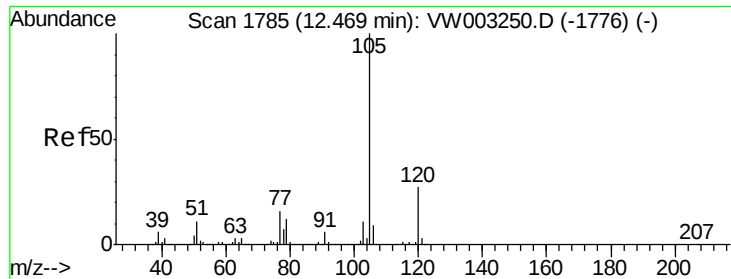
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW003606.D
Acq: 27 Jun 2018 12:05

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.3	29.3	88.0
150	164.4	0.0	349.6



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





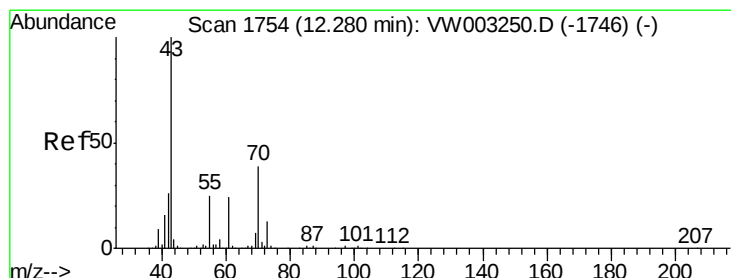
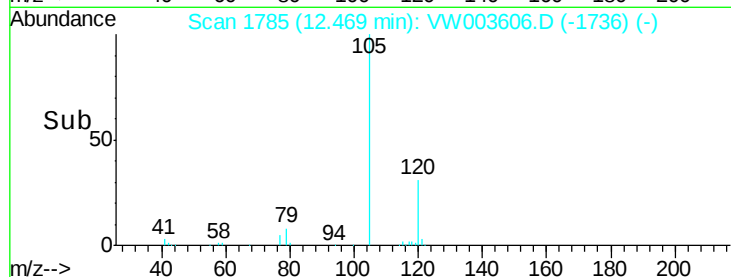
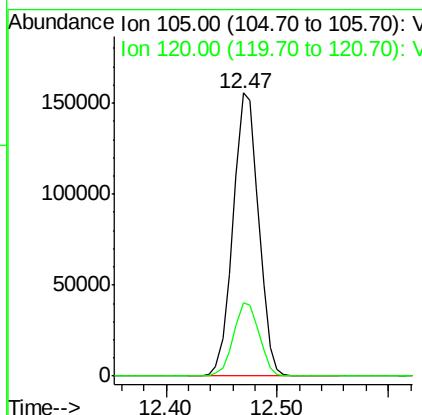
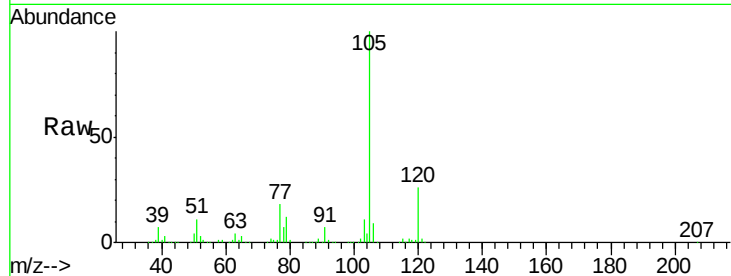
#73
Isopropylbenzene
Concen: 21.37 ug/l
RT: 12.47 min Scan# 1785
Delta R.T. 0.00 min
Lab File: VW003606.D
Acq: 27 Jun 2018 12:05

Instrument :
MSVOA_W
ClientSampled :
VW0627SBS02

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.0	13.2	39.6

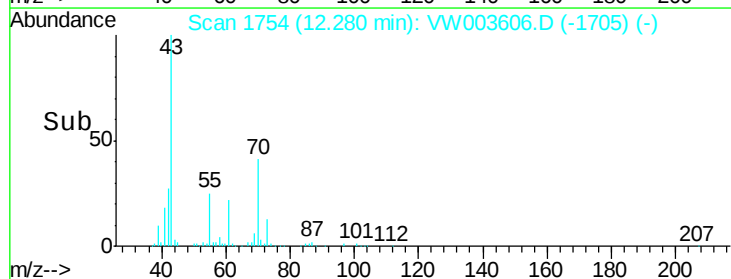
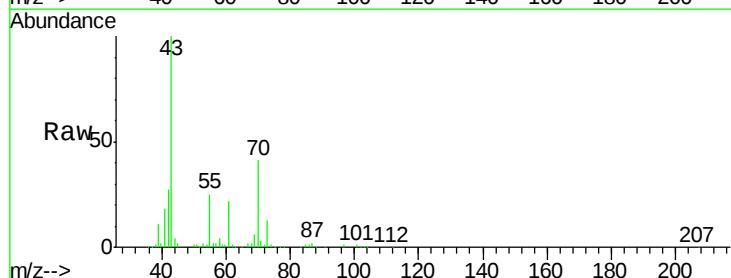
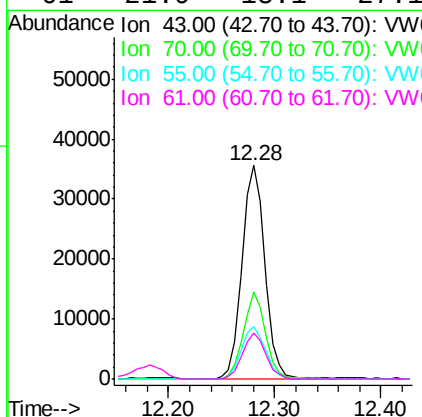
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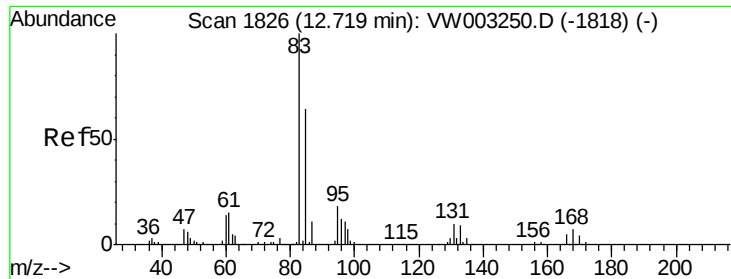
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#74
N-ethyl acetate
Concen: 20.59 ug/l
RT: 12.28 min Scan# 1754
Delta R.T. 0.00 min
Lab File: VW003606.D
Acq: 27 Jun 2018 12:05

Tgt Ion	Ratio	Lower	Upper
43	100		
70	39.1	31.0	46.6
55	25.7	19.7	29.5
61	21.9	18.1	27.1





#75

1,1,2,2-Tetrachloroethane

Concen: 22.02 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW003606.D

Acq: 27 Jun 2018 12:05

Instrument :

MSVOA_W

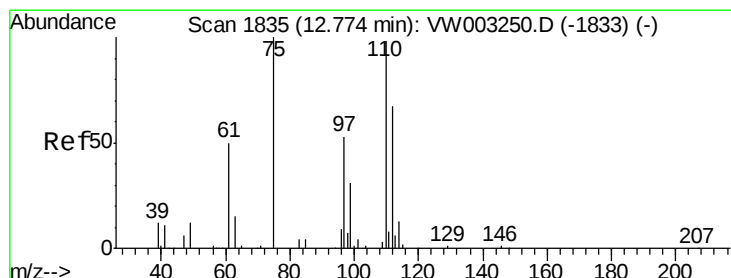
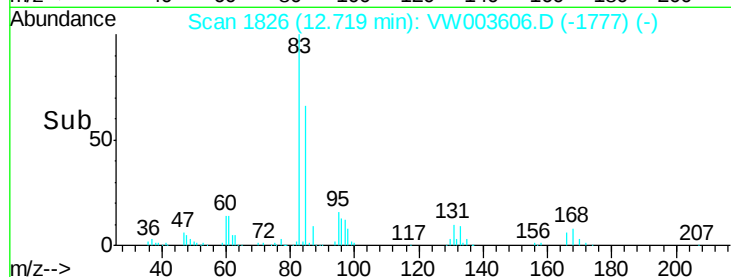
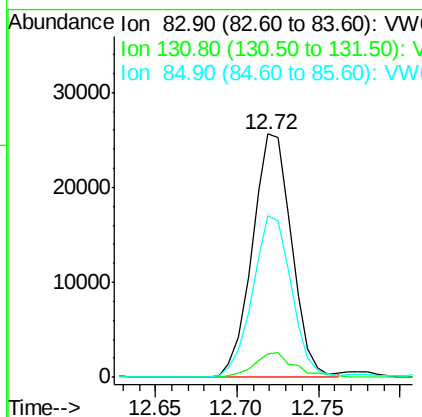
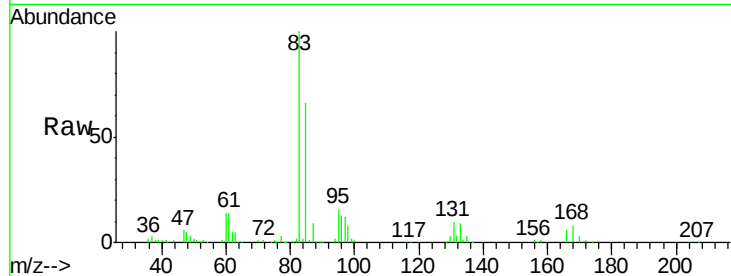
ClientSampleId :

VW0627SBSD02

Tot Ion:	83	Resp:	42952
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.4	16.2
85	65.5	31.9	95.7

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#76

1,2,3-Trichloropropane

Concen: 21.88 ug/l m

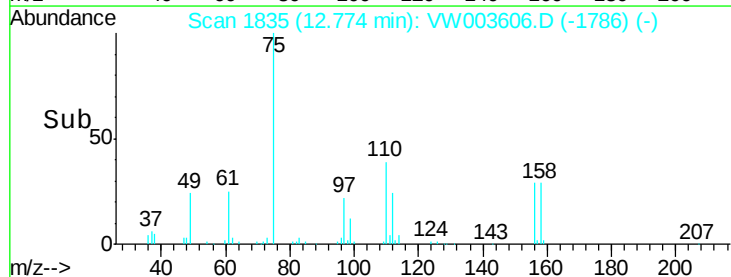
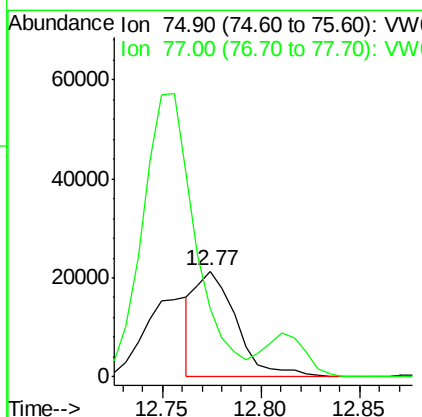
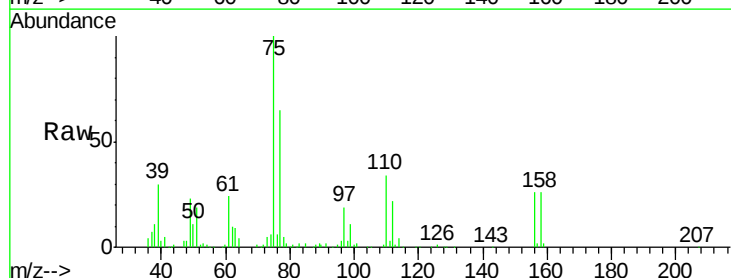
RT: 12.77 min Scan# 1835

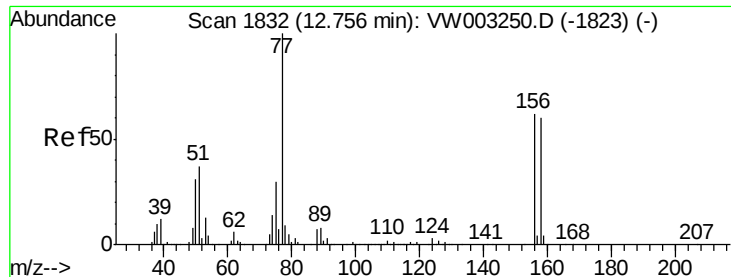
Delta R.T. 0.00 min

Lab File: VW003606.D

Acq: 27 Jun 2018 12:05

Tgt Ion:	75	Resp:	31005
Ion Ratio	Lower	Upper	
75	100		
77	344.7	0.0	0.0#





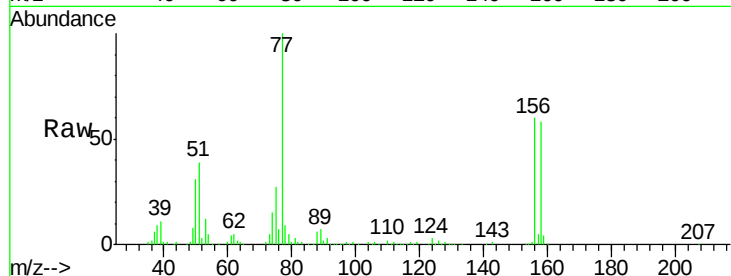
#77
Bromobenzene
Concen: 20.85 ug/l
RT: 12.76 min Scan# 1832
Delta R.T. 0.00 min
Lab File: VW003606.D
Acq: 27 Jun 2018 12:05

Instrument :
MSVOA_W
ClientSampleId :
VW0627SBS02

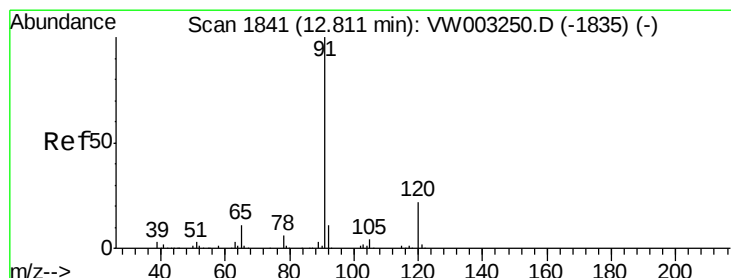
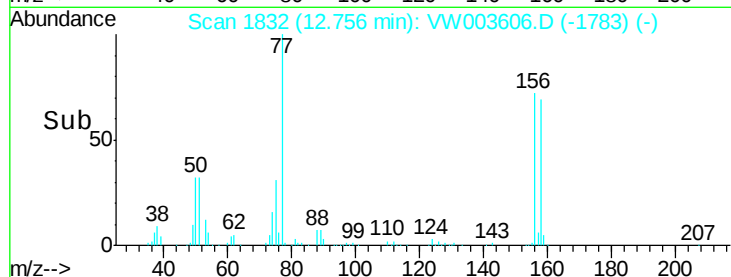
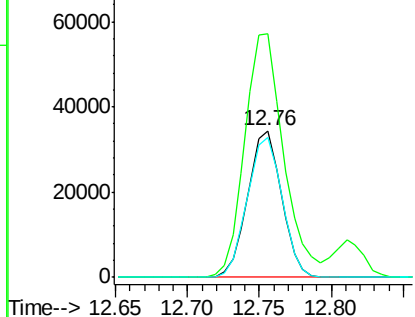
Tot Ion	Ratio	Lower	Upper
156	100		
77	190.9	92.3	276.9
158	98.4	47.5	142.6

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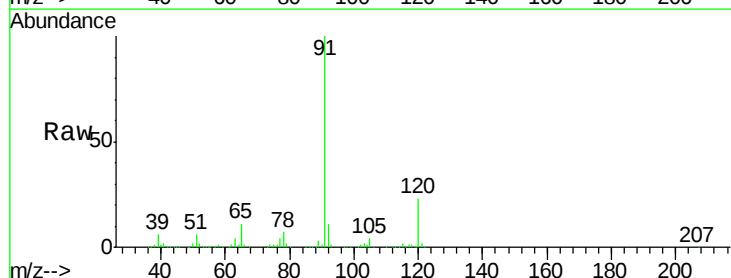


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VW
Ion 157.80 (157.50 to 158.50): V

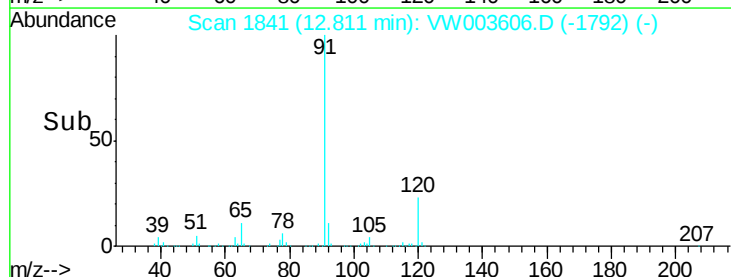
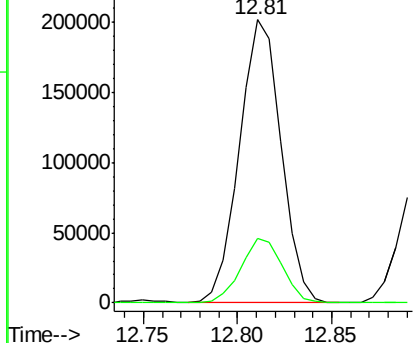


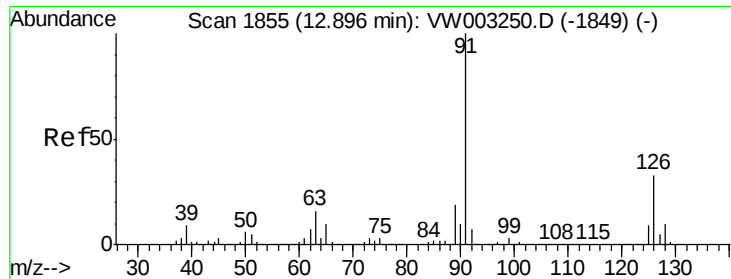
#78
n-propylbenzene
Concen: 21.90 ug/l
RT: 12.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VW003606.D
Acq: 27 Jun 2018 12:05

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.7	11.3	33.8



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.59 ug/l

RT: 12.90 min Scan# 1856

Delta R.T. 0.01 min

Lab File: VW003606.D

Acq: 27 Jun 2018 12:05

Instrument :

MSVOA_W

ClientSampleId :

VW0627SBS02

Tot Ion: 91 Resp: 172267

Ion Ratio Lower Upper

91 100

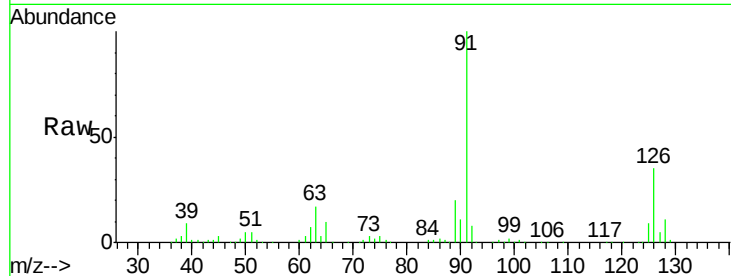
126 33.8 16.8 50.4

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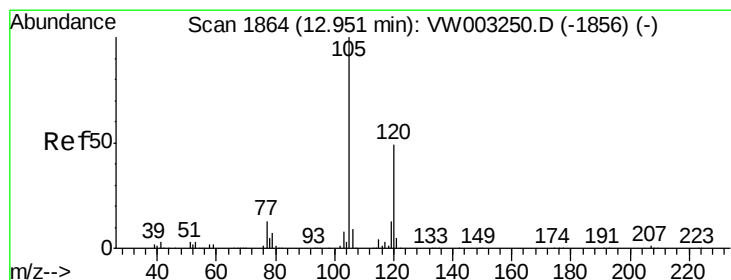
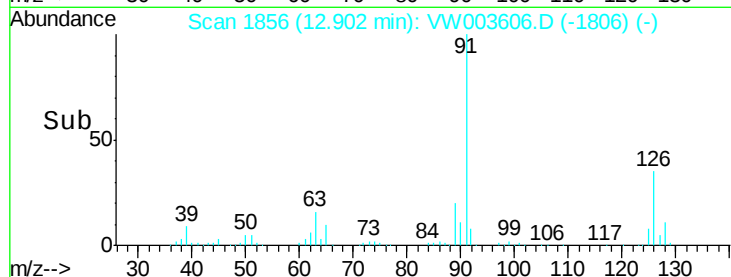
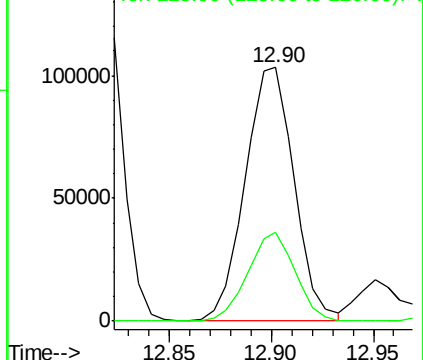
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 21.99 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW003606.D

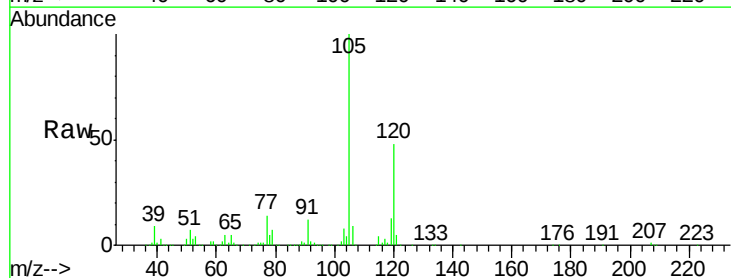
Acq: 27 Jun 2018 12:05

Tgt Ion:105 Resp: 212857

Ion Ratio Lower Upper

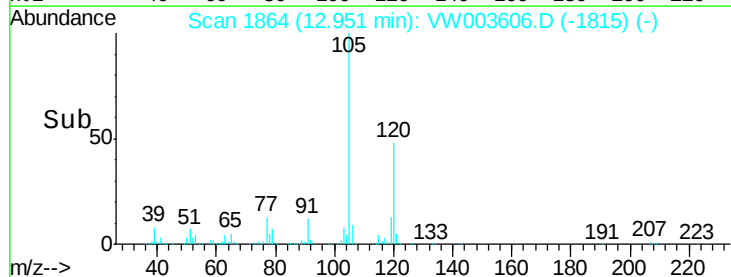
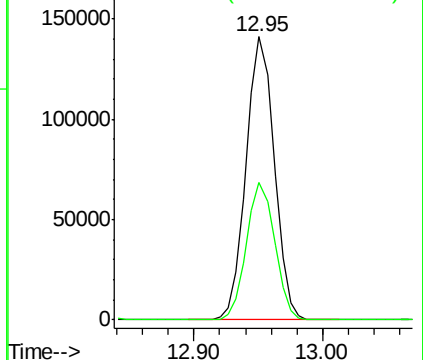
105 100

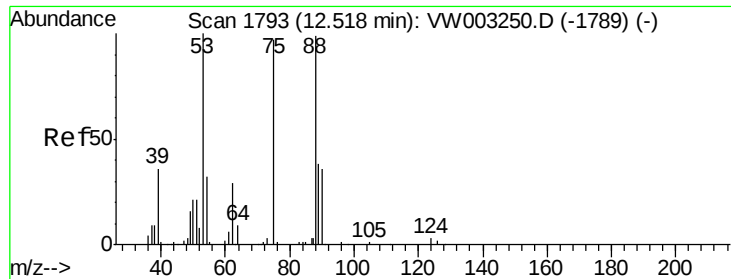
120 48.8 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





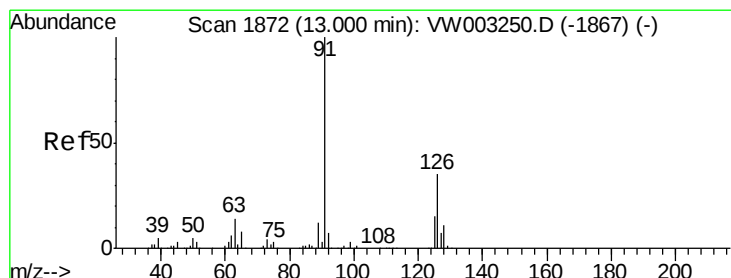
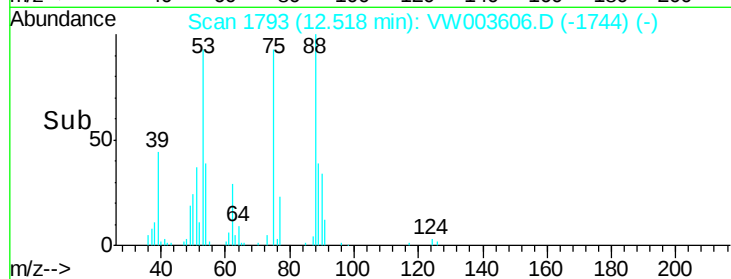
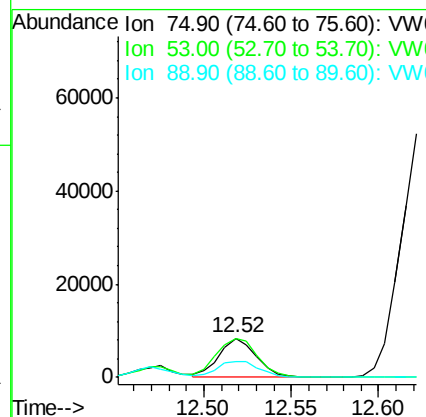
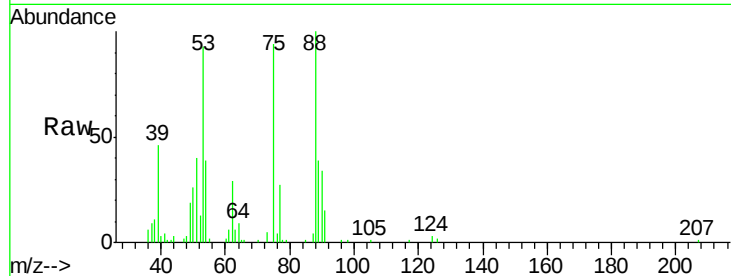
#81
trans-1,4-Dichloro-2-butene
Concen: 20.29 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VW003606.D
Acq: 27 Jun 2018 12:05

Instrument :
MSVOA_W
ClientSampleId :
VW0627SBSD02

Tot Ion	Ratio	Lower	Upper
75	100		
53	109.9	82.9	124.3
89	46.0	36.7	55.1

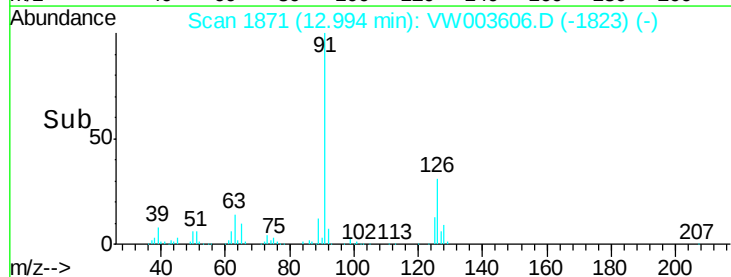
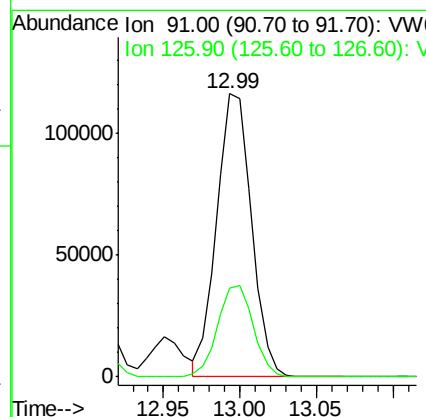
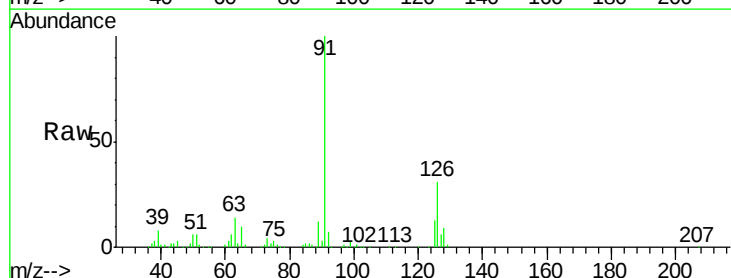
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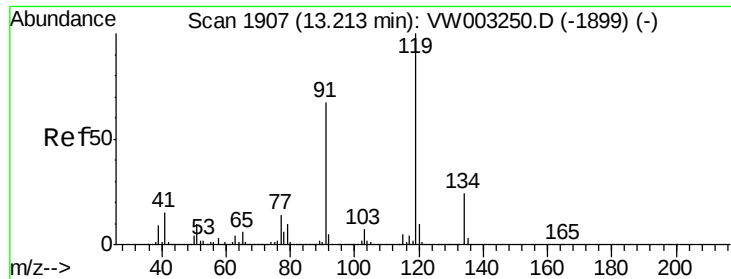
apatel
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#82
4-Chlorotoluene
Concen: 21.71 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. -0.01 min
Lab File: VW003606.D
Acq: 27 Jun 2018 12:05

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.1	16.8	50.3





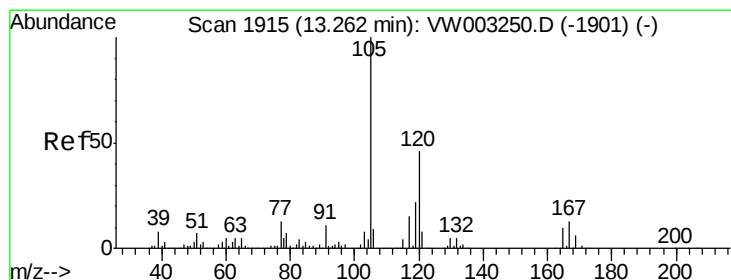
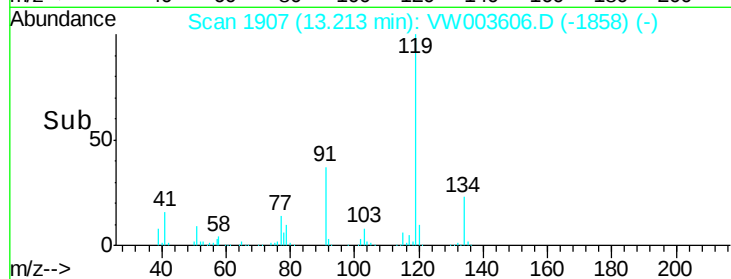
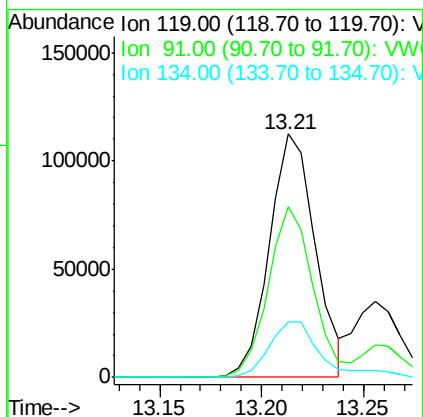
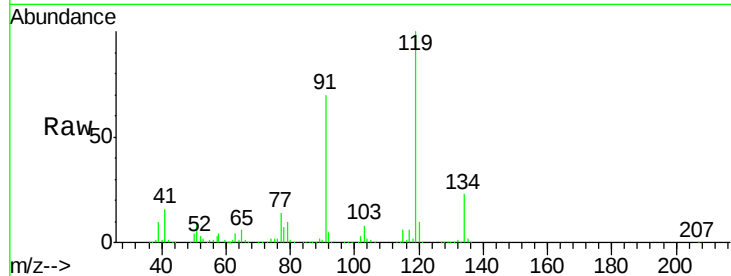
#83
 tert-Butylbenzene
 Concen: 21.33 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VW003606.D
 Acq: 27 Jun 2018 12:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0627SBS02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	175898		
91	69.1	33.9	101.7	
134	26.3	13.4	40.1	

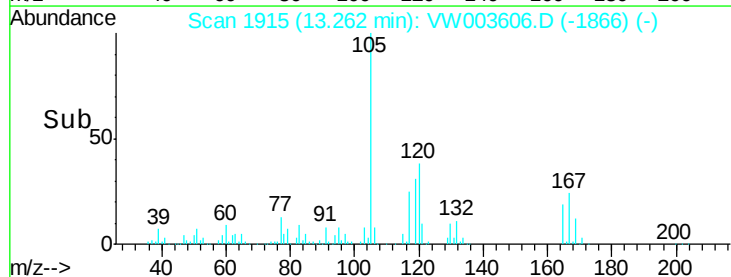
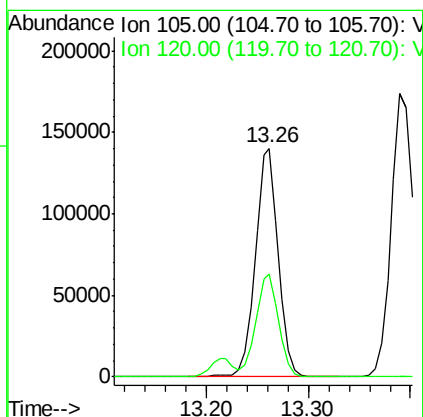
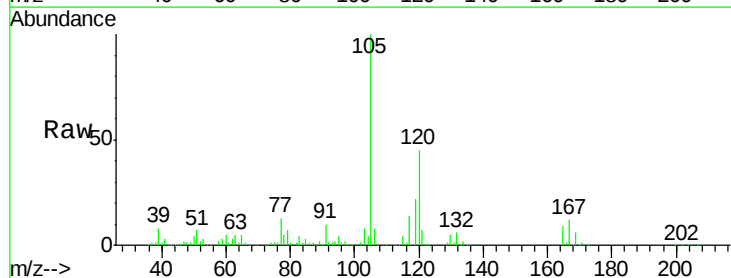
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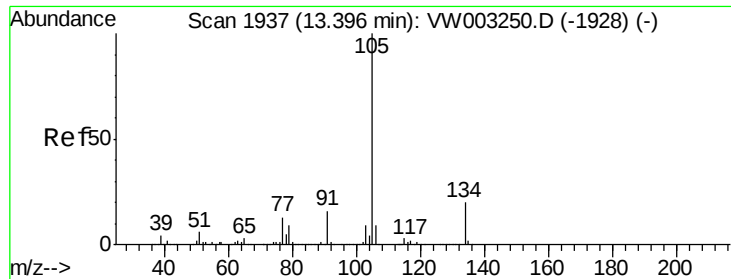
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#84
 1,2,4-Trimethylbenzene
 Concen: 22.00 ug/l
 RT: 13.26 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW003606.D
 Acq: 27 Jun 2018 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	218980		
120	44.8	22.5	67.5	





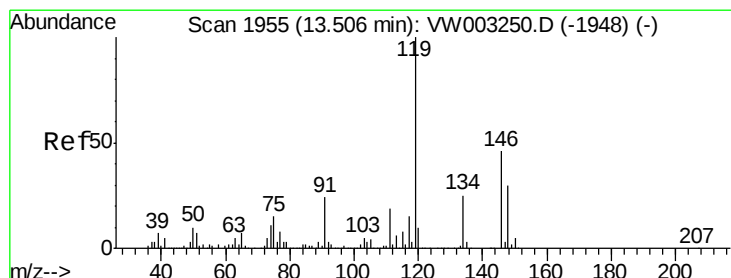
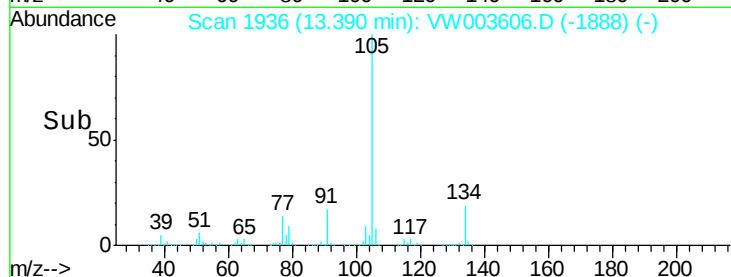
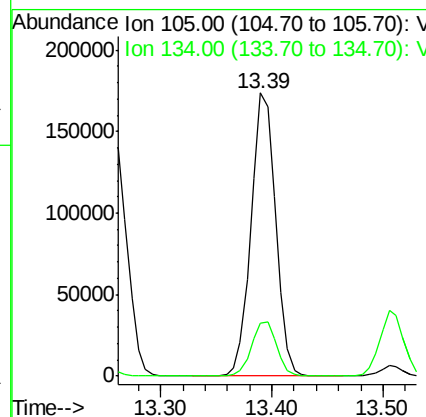
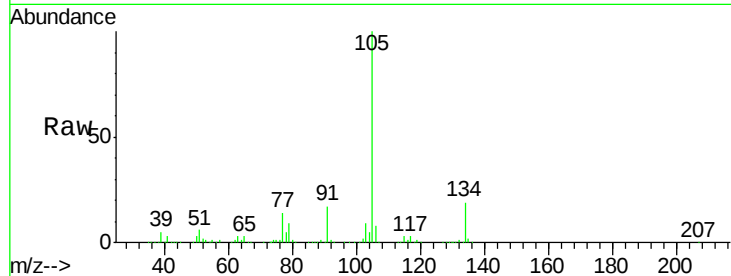
#85
 sec-Butylbenzene
 Concen: 21.79 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: VW003606.D
 Acq: 27 Jun 2018 12:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0627SBS02

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.7	9.8	29.5

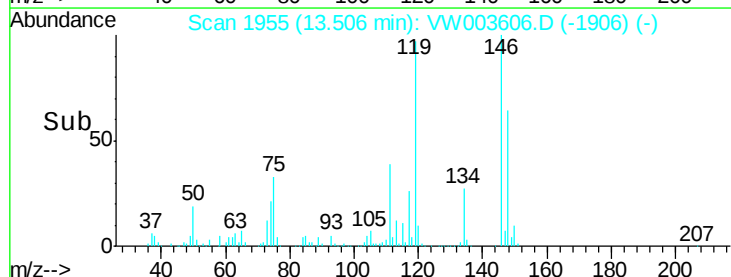
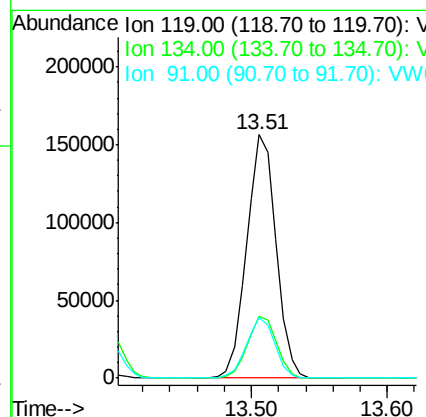
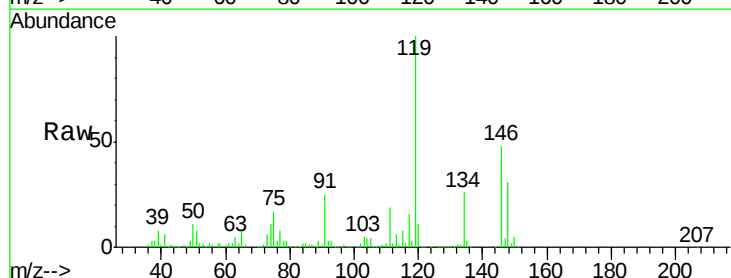
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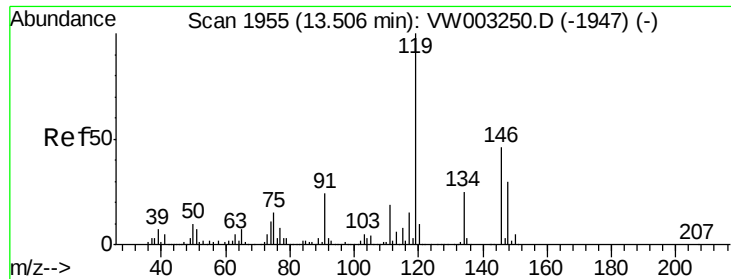
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#86
 p-Isopropyltoluene
 Concen: 21.75 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003606.D
 Acq: 27 Jun 2018 12:05

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.6	12.9	38.7
91	24.1	11.8	35.3





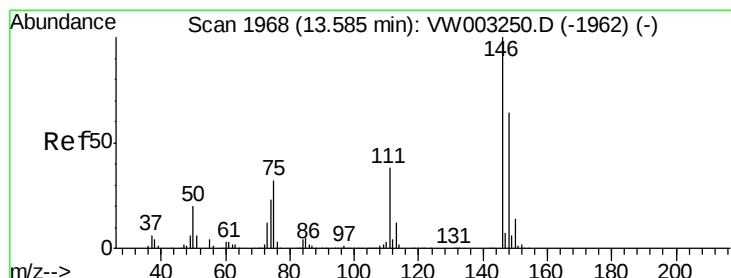
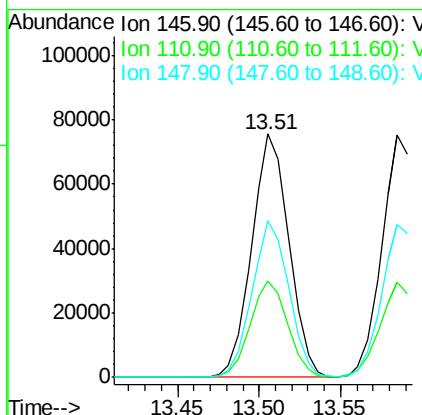
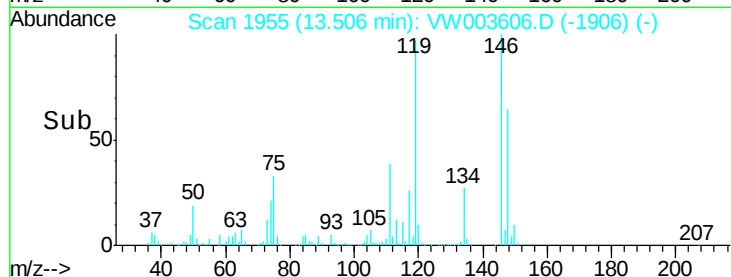
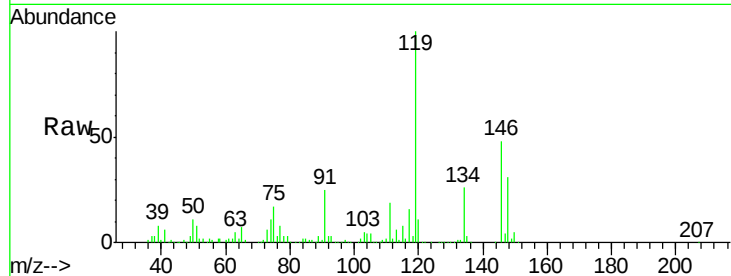
#87
 1,3-Dichlorobenzene
 Concen: 21.68 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003606.D
 Acq: 27 Jun 2018 12:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0627SBSD02

Tot Ion	Ratio	Resp	Lower	Upper
146	100	119602		
111	39.6	19.8	59.4	
148	63.7	32.1	96.5	

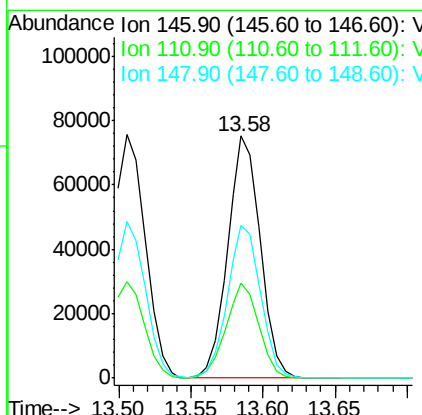
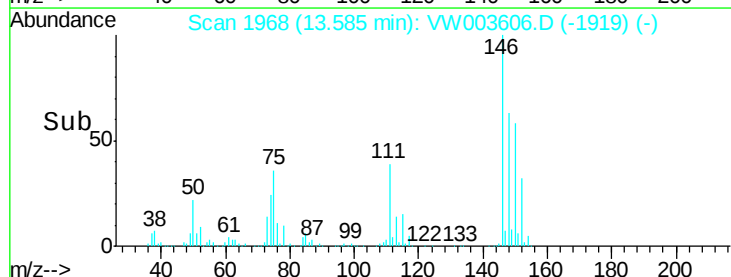
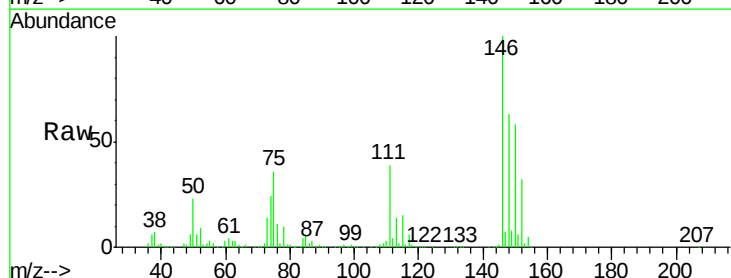
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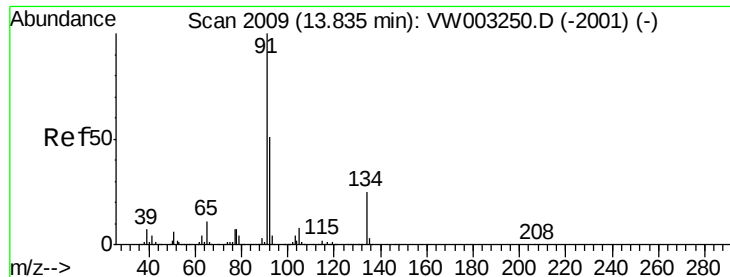
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#88
 1,4-Dichlorobenzene
 Concen: 21.66 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW003606.D
 Acq: 27 Jun 2018 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	118772		
111	39.8	19.2	57.6	
148	64.2	31.8	95.4	





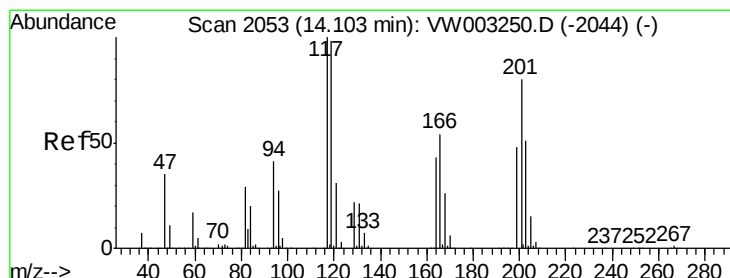
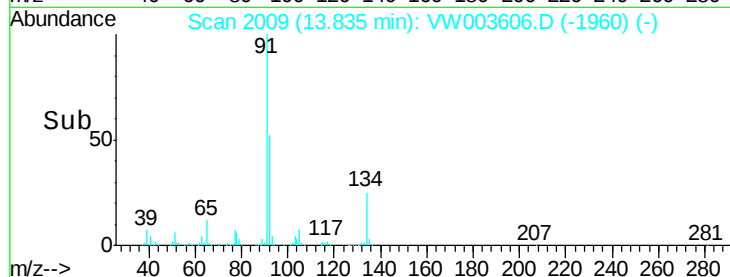
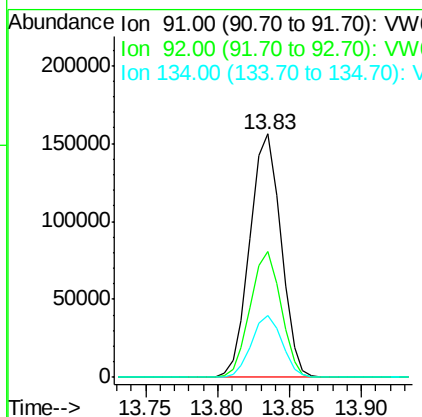
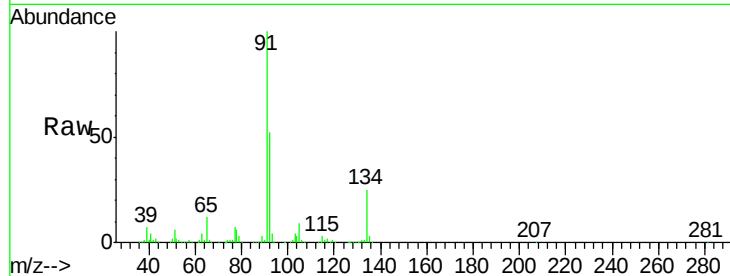
#89
n-Butylbenzene
Concen: 22.18 ug/l
RT: 13.83 min Scan# 2009
Delta R.T. 0.00 min
Lab File: VW003606.D
Acq: 27 Jun 2018 12:05

Instrument :
MSVOA_W
ClientSampleId :
VW0627SBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.1	26.0	78.0
134	25.0	12.7	38.0

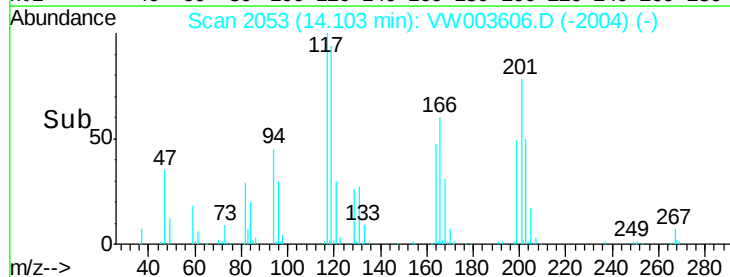
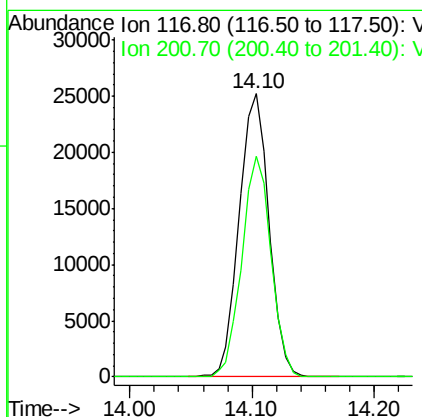
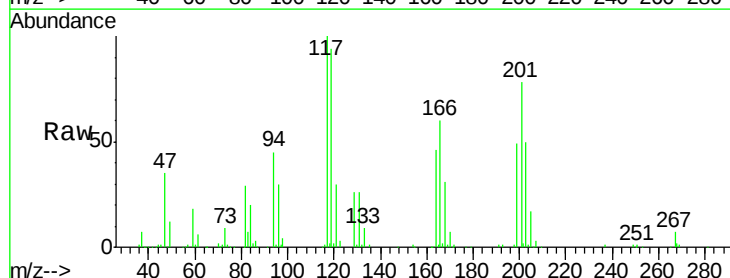
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#90
Hexachloroethane
Concen: 21.78 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.00 min
Lab File: VW003606.D
Acq: 27 Jun 2018 12:05

Tgt Ion	Ratio	Lower	Upper
117	100		
201	76.5	39.5	118.5





#91

1,2-Dichlorobenzene

Concen: 21.78 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. 0.00 min

Lab File: VW003606.D

Acq: 27 Jun 2018 12:05

Instrument :

MSVOA_W

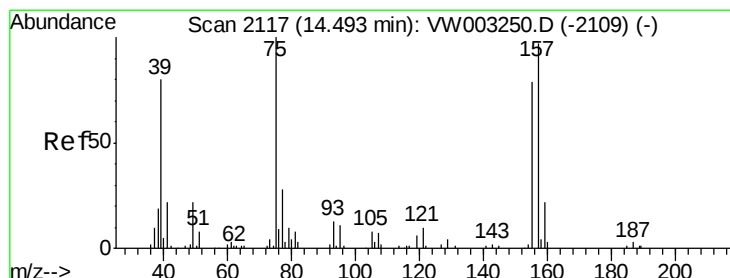
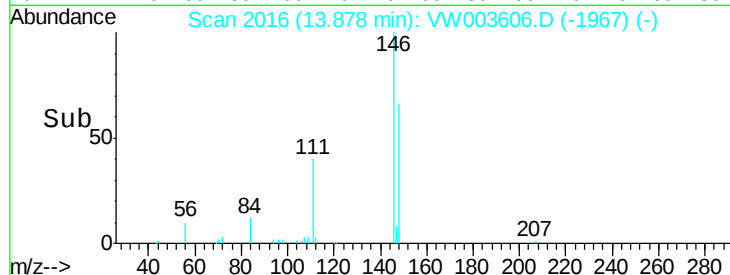
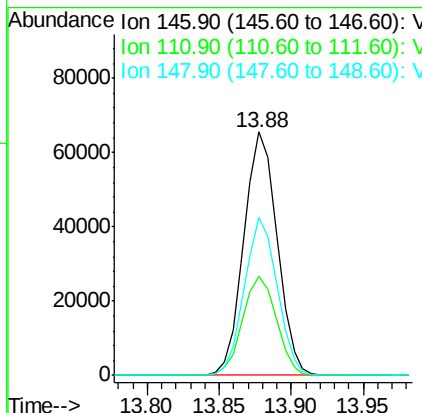
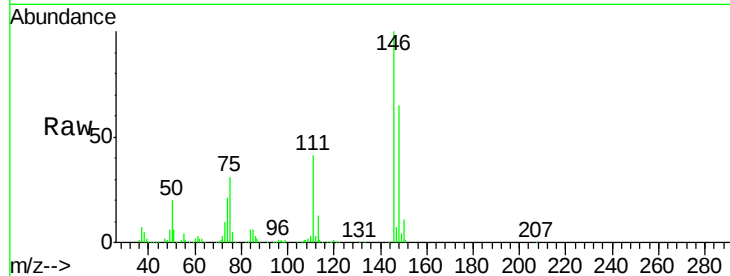
ClientSampleId :

VW0627SBS02

Tot Ion:	146	Resp:	105217
Ion Ratio	Lower	Upper	
146	100		
111	41.2	20.3	61.0
148	64.0	32.3	96.9

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#92

1,2-Dibromo-3-Chloropropane

Concen: 21.83 ug/l

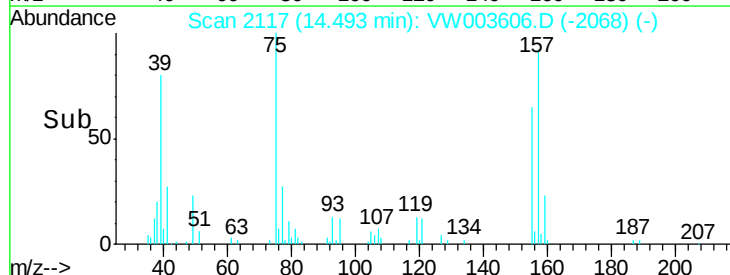
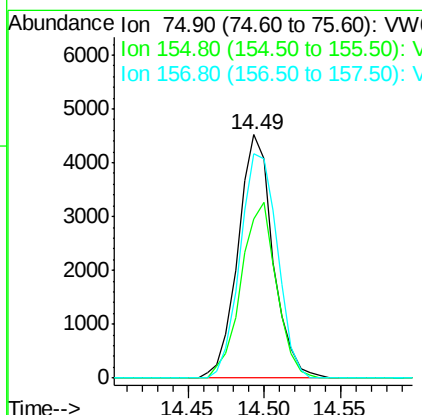
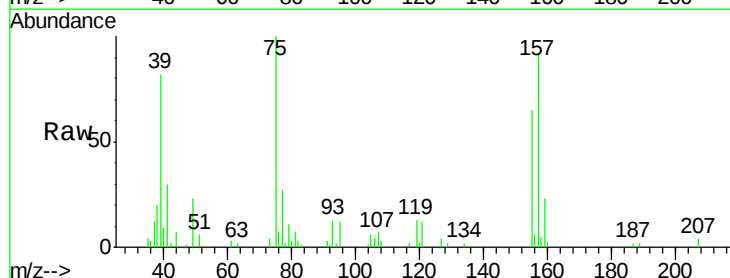
RT: 14.49 min Scan# 2117

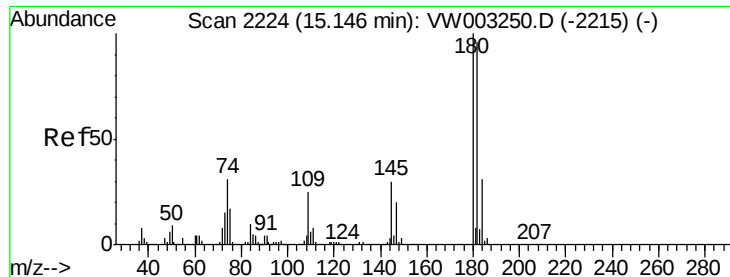
Delta R.T. 0.00 min

Lab File: VW003606.D

Acq: 27 Jun 2018 12:05

Tgt Ion:	75	Resp:	7166
Ion Ratio	Lower	Upper	
75	100		
155	73.0	39.4	118.2
157	98.3	51.5	154.5





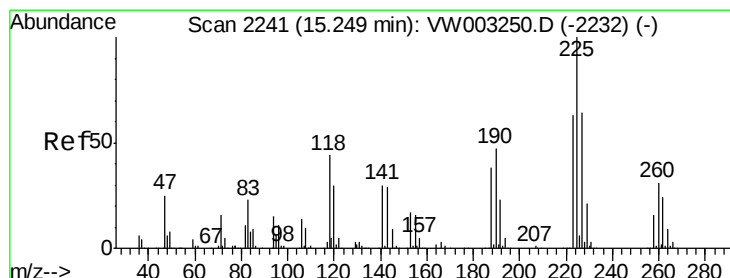
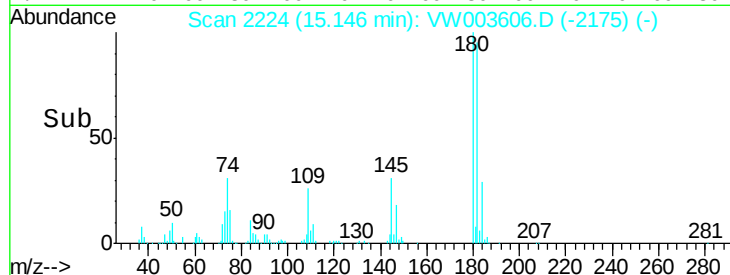
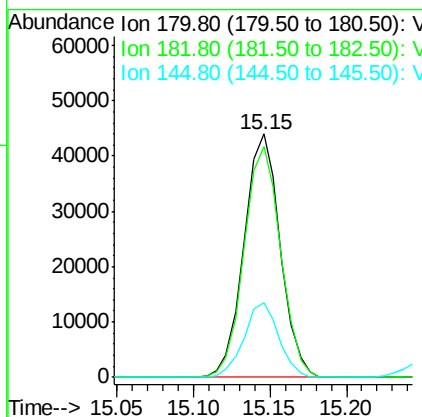
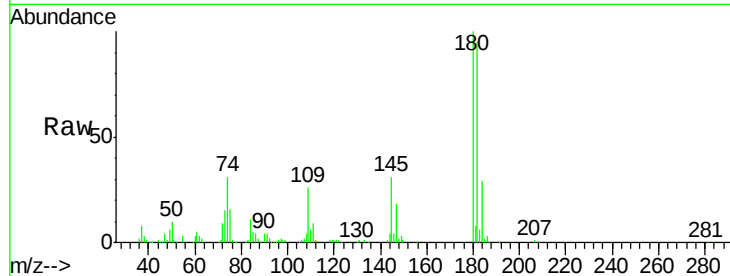
#93
 1,2,4-Trichlorobenzene
 Concen: 21.28 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW003606.D
 Acq: 27 Jun 2018 12:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0627SBS02

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.9	143.6
145	29.6	15.2	45.5

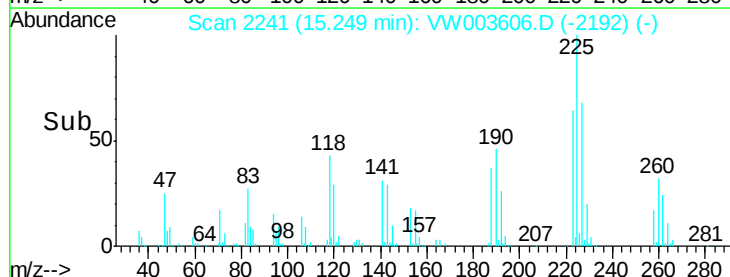
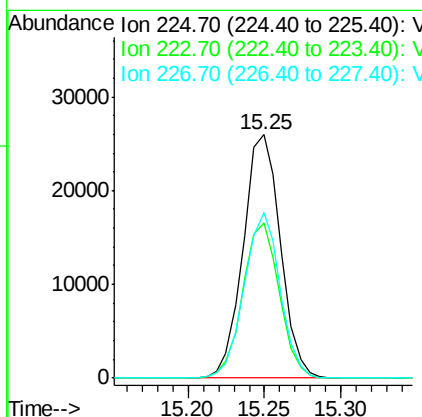
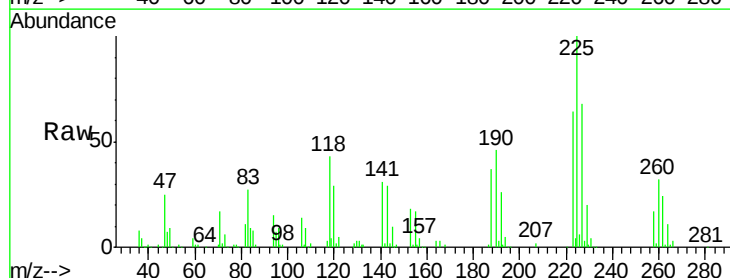
Manual Integrations
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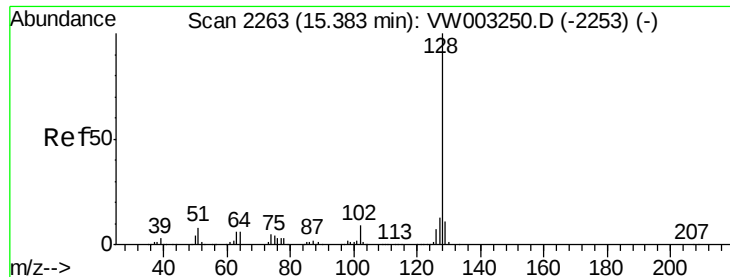
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#94
 Hexachlorobutadiene
 Concen: 21.50 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: VW003606.D
 Acq: 27 Jun 2018 12:05

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	30.6	92.0
227	65.7	31.7	95.1





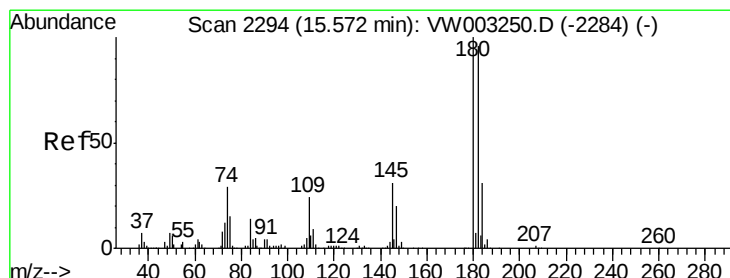
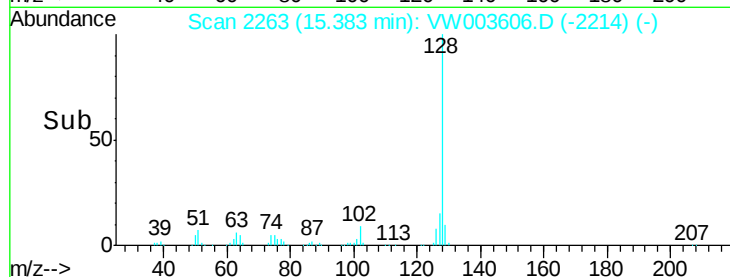
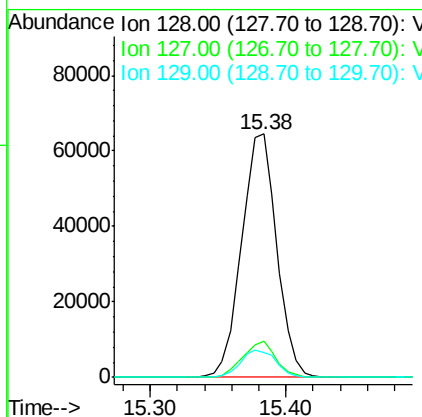
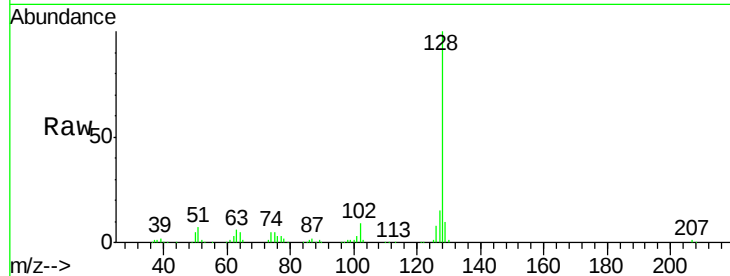
#95
Naphthalene
Concen: 20.26 ug/l
RT: 15.38 min Scan# 2263
Delta R.T. 0.00 min
Lab File: VW003606.D
Acq: 27 Jun 2018 12:05

Instrument :
MSVOA_W
ClientSampleId :
VW0627SBS02

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.5	15.7
129	11.3	8.9	13.3

Manual Integrations
APPROVED

apatel
6/28/2018 12:35:17 PM



#96
1,2,3-Trichlorobenzene
Concen: 20.98 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. -0.01 min
Lab File: VW003606.D
Acq: 27 Jun 2018 12:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.9	143.6
145	31.6	15.8	47.4

