

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062318\
 Data File : VW003464.D
 Acq On : 23 Jun 2018 16:54
 Operator : SY/AP
 Sample : J3664-07MS
 Misc : 6.47G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB476-25-27-180619MS

Manual Integrations
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 6/25/2018 7:16:15 PM

Quant Time: Jun 25 03:56:32 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	236052	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	368421	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	337516	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	176564	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	126603	49.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.04%	
35) Dibromofluoromethane	7.88	113	117655	51.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.78%	
50) Toluene-d8	10.33	98	477578	52.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.22%	
62) 4-Bromofluorobenzene	12.63	95	164039	51.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	56588	79.29	ug/l	89
3) Chloromethane	2.21	50	84585	46.91	ug/l	96
4) Vinyl Chloride	2.36	62	124999	47.55	ug/l	98
5) Bromomethane	2.78	94	78651	45.02	ug/l	96
6) Chloroethane	2.92	64	81766	44.69	ug/l	94
7) Trichlorofluoromethane	3.26	101	86941	55.21	ug/l	97
8) Diethyl Ether	3.68	74	52797	45.64	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	110108	50.35	ug/l	100
10) Methyl Iodide	4.26	142	161621	48.87	ug/l	100
11) Tert butyl alcohol	5.24	59	31784	231.79	ug/l #	81
12) 1,1-Dichloroethene	4.03	96	106020	49.62	ug/l	98
13) Acrolein	3.90	56	12943	66.02	ug/l	86
14) Allyl chloride	4.66	41	183976	49.70	ug/l	100
15) Acrylonitrile	5.38	53	104110	218.75	ug/l	99
16) Acetone	4.14	43	142919	266.52	ug/l	98
17) Carbon Disulfide	4.37	76	314886	49.84	ug/l	99
18) Methyl Acetate	4.68	43	88400	69.49	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	193410	48.33	ug/l	99
20) Methylene Chloride	4.91	84	122618	54.13	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	117970	50.73	ug/l	97
22) Diisopropyl ether	6.32	45	378439	50.80	ug/l	98
23) Vinyl Acetate	6.26	43	739807	172.34	ug/l	99
24) 1,1-Dichloroethane	6.22	63	228887	51.76	ug/l	99
25) 2-Butanone	7.19	43	156130	234.15	ug/l	98
26) 2,2-Dichloropropane	7.17	77	144043	48.80	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	128723	50.39	ug/l	99
28) Bromochloromethane	7.51	49	99888	54.28	ug/l	97
29) Tetrahydrofuran	7.54	42	88402	216.92	ug/l	100
30) Chloroform	7.68	83	233244	51.77	ug/l	99
31) Cyclohexane	7.96	56	196150	47.48	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	191744	51.56	ug/l	100
36) 1,1-Dichloropropene	8.09	75	182529	51.30	ug/l	100
37) Ethyl Acetate	7.26	43	53954	36.60	ug/l	99
38) Carbon Tetrachloride	8.07	117	177604	50.89	ug/l	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	203288	49.38	ug/l	99
40) Benzene	8.33	78	501928	51.18	ug/l	99
41) Methacrylonitrile	7.49	41	39939	44.16	ug/l	97
42) 1,2-Dichloroethane	8.40	62	147271	47.93	ug/l	99
43) Isopropyl Acetate	8.43	43	119109	40.70	ug/l	96
44) Trichloroethene	9.10	130	133189	51.25	ug/l	98
45) 1,2-Dichloropropane	9.37	63	128518	51.47	ug/l	98
46) Dibromomethane	9.46	93	60684	47.47	ug/l	98
47) Bromodichloromethane	9.65	83	164803	50.29	ug/l	97
48) Methyl methacrylate	9.44	41	66950	48.67	ug/l	99
49) 1,4-Dioxane	9.48	88	15632	809.81	ug/l #	1
51) 4-Methyl-2-Pentanone	10.22	43	340266	228.16	ug/l	99
52) Toluene	10.39	92	325840	51.81	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	160177	47.85	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	186976	49.07	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	85718	47.58	ug/l	99
56) Ethyl methacrylate	10.65	69	93876	42.91	ug/l	98
57) 1,3-Dichloropropane	10.94	76	150805	48.54	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	236063	240.71	ug/l	98
59) 2-Hexanone	10.98	43	246302	236.41	ug/l	100
60) Dibromochloromethane	11.13	129	104370	48.72	ug/l	99
61) 1,2-Dibromoethane	11.24	107	79211	46.48	ug/l	100
64) Tetrachloroethene	10.87	164	121678	53.90	ug/l	97
65) Chlorobenzene	11.66	112	349017	49.66	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	122872	49.75	ug/l	99
67) Ethyl Benzene	11.74	91	638003	51.21	ug/l	99
68) m/p-Xylenes	11.85	106	483194	102.02	ug/l	100
69) o-Xylene	12.17	106	225390	51.35	ug/l	100
70) Styrene	12.19	104	375927	51.46	ug/l	99
71) Bromoform	12.35	173	59247	46.28	ug/l #	99
73) Isopropylbenzene	12.47	105	637747	51.93	ug/l	100
74) N-amyl acetate	12.28	43	99808	35.71	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	98428	47.37	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	67806m	44.92	ug/l	
77) Bromobenzene	12.76	156	141650	49.53	ug/l	99
78) n-propylbenzene	12.81	91	780010	51.87	ug/l	99
79) 2-Chlorotoluene	12.90	91	436169	51.33	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	535352	51.93	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	28961	44.15	ug/l	99
82) 4-Chlorotoluene	12.99	91	454534	50.42	ug/l	99
83) tert-Butylbenzene	13.21	119	454665	51.76	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	546891	51.58	ug/l	100
85) sec-Butylbenzene	13.39	105	664702	50.90	ug/l	100
86) p-Isopropyltoluene	13.51	119	583913	50.70	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	290721	49.48	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	285395	48.86	ug/l	99
89) n-Butylbenzene	13.84	91	552915	49.25	ug/l	100
90) Hexachloroethane	14.10	117	104051	49.94	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	251097	48.79	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	16012	45.80	ug/l	98

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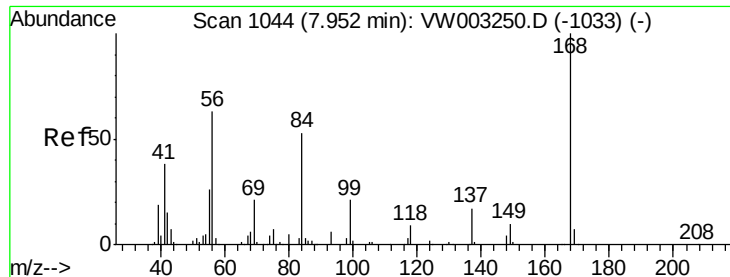
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	160758	44.49	ug/l	99
94) Hexachlorobutadiene	15.25	225	89256	41.07	ug/l	99
95) Naphthalene	15.38	128	267790	43.69	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	134372	42.25	ug/l	99

(#) = 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: VW003464.D

Acq: 23 Jun 2018 16:54

Instrument :

MSVOA_W

ClientSampleId :

WP021SB476-25-27-180619MS

Tot Ion:168 Resp: 236052

Ion Ratio Lower Upper

168 100

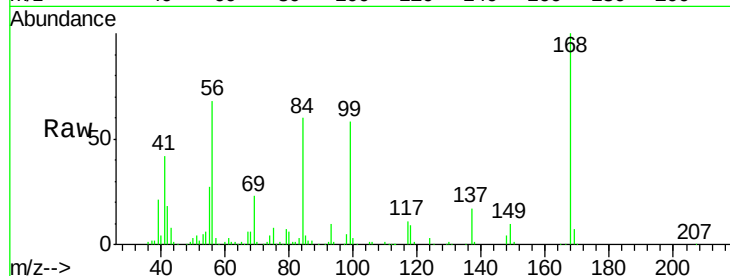
99 57.5 45.5 68.3

Manual Integrations

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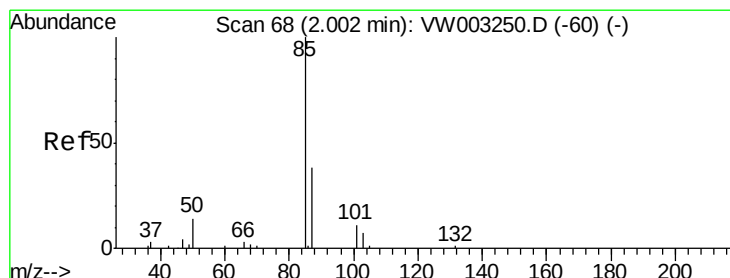
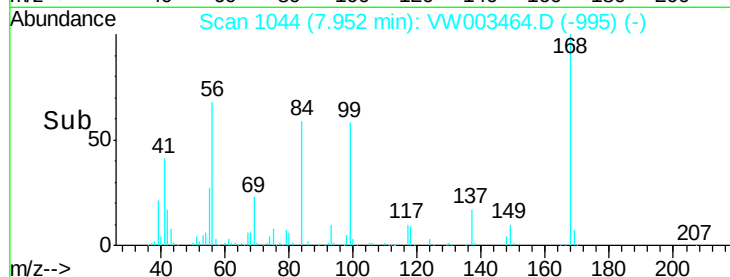
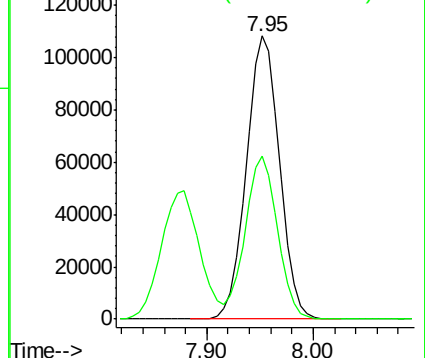
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 79.29 ug/l

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW003464.D

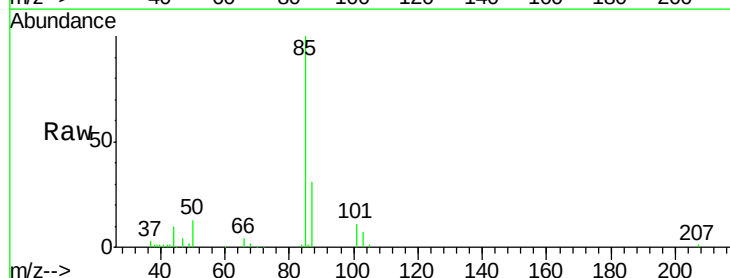
Acq: 23 Jun 2018 16:54

Tgt Ion: 85 Resp: 56588

Ion Ratio Lower Upper

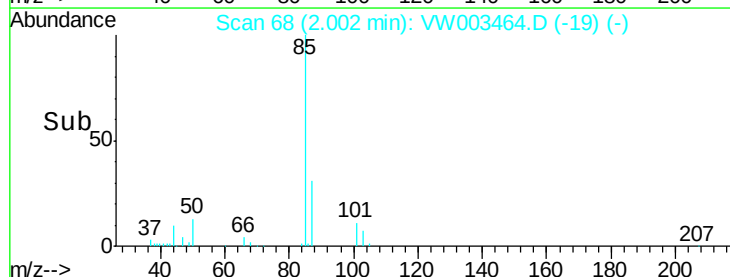
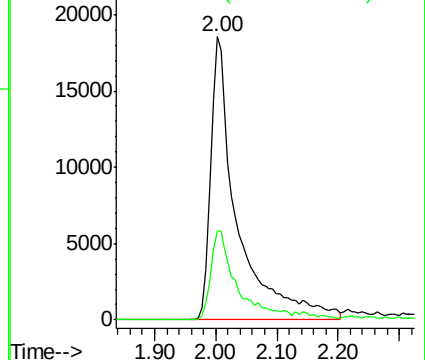
85 100

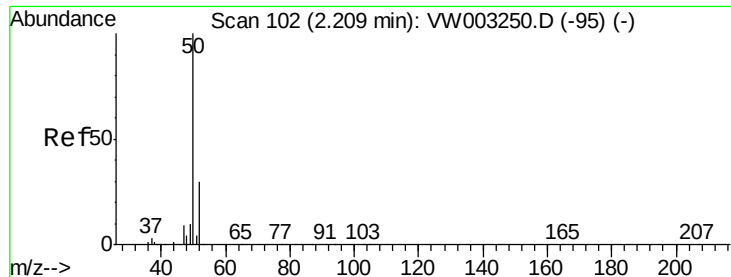
87 31.4 18.9 56.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 46.91 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW003464.D

Acq: 23 Jun 2018 16:54

Instrument :

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ClientSampleId :

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Tot Ion: 50 Resp: 84585

Ion Ratio Lower Upper

50 100

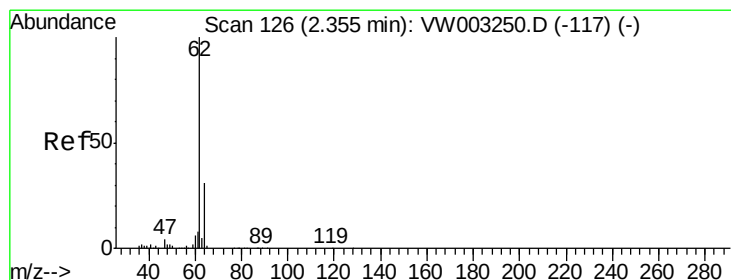
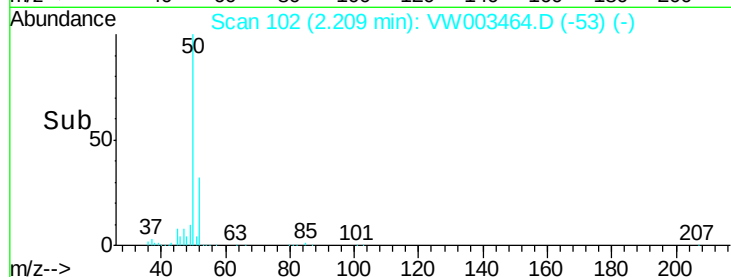
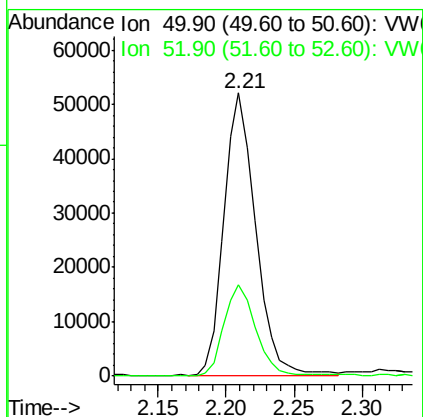
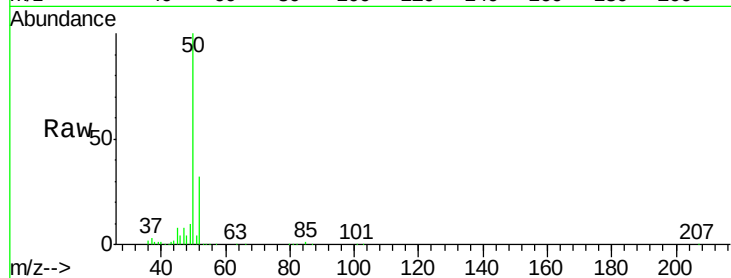
52 32.2 24.2 36.2

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#4

Vinyl Chloride

Concen: 47.55 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW003464.D

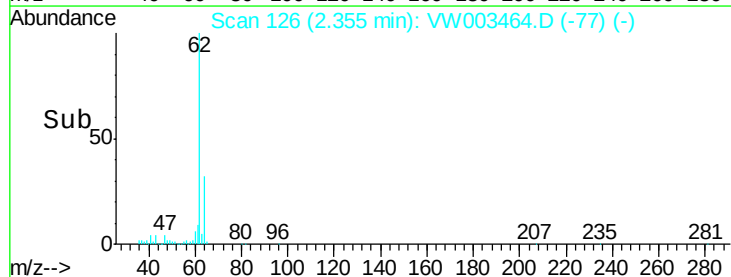
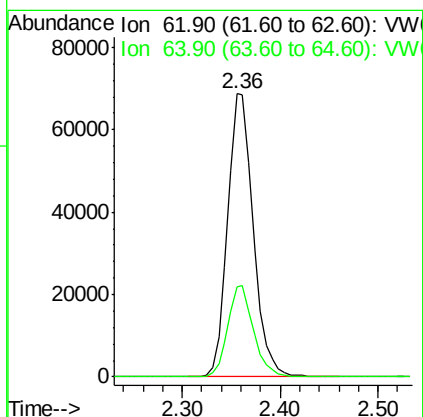
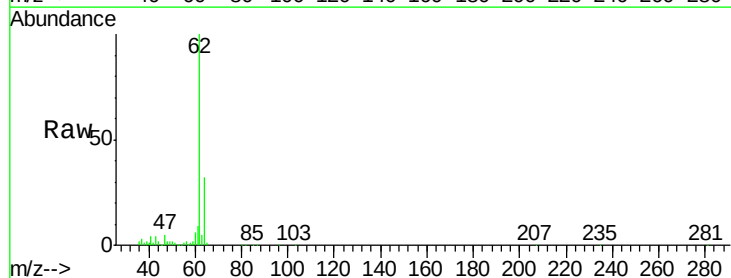
Acq: 23 Jun 2018 16:54

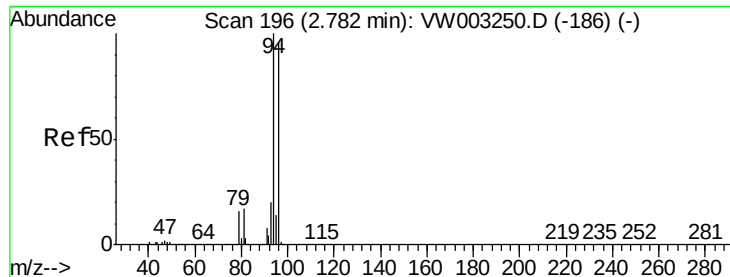
Tgt Ion: 62 Resp: 124999

Ion Ratio Lower Upper

62 100

64 32.1 24.9 37.3





#5

Bromomethane

Concen: 45.02 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.00 min

Lab File: VW003464.D

Acq: 23 Jun 2018 16:54

Instrument :

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Tot Ion: 94 Resp: 78651

Ion Ratio Lower Upper

94 100

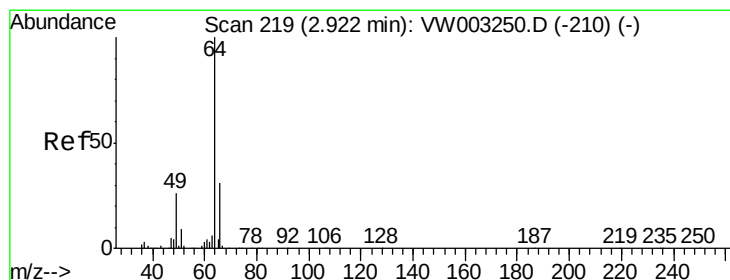
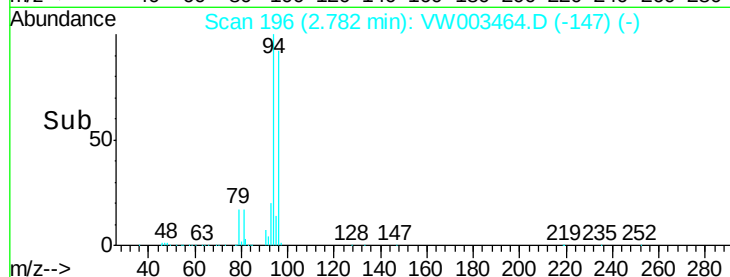
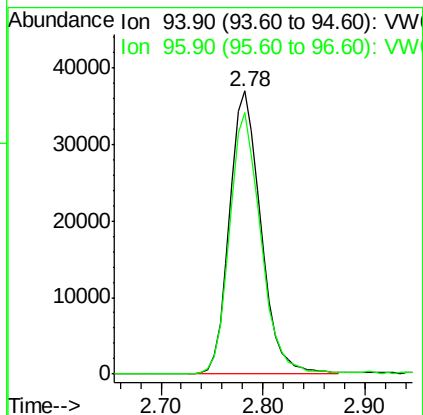
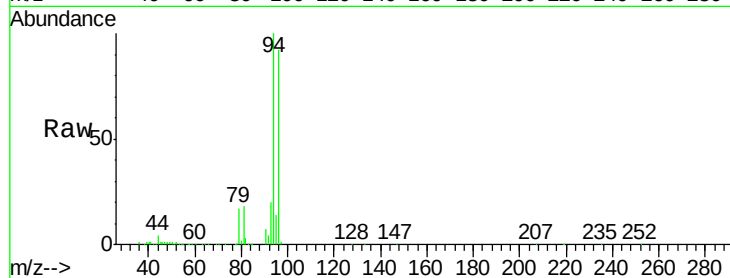
96 91.9 76.5 114.7

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#6

Chloroethane

Concen: 44.69 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.00 min

Lab File: VW003464.D

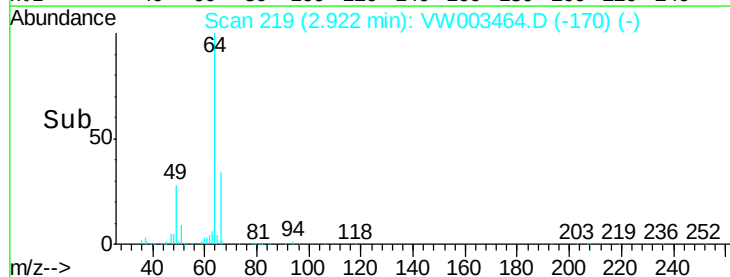
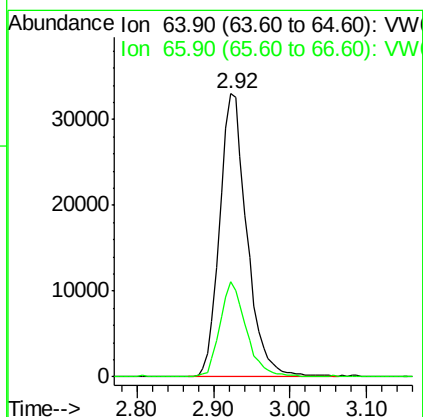
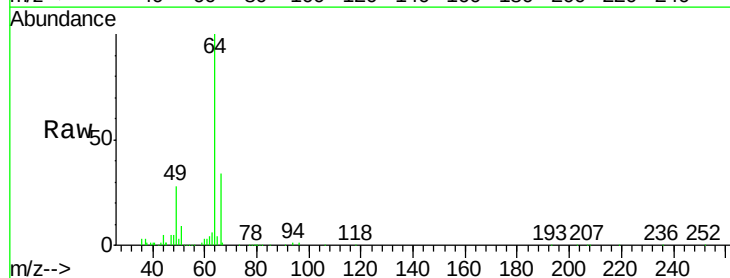
Acq: 23 Jun 2018 16:54

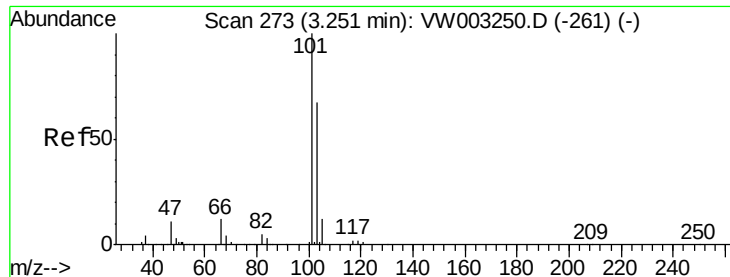
Tgt Ion: 64 Resp: 81766

Ion Ratio Lower Upper

64 100

66 33.7 24.4 36.6





#7

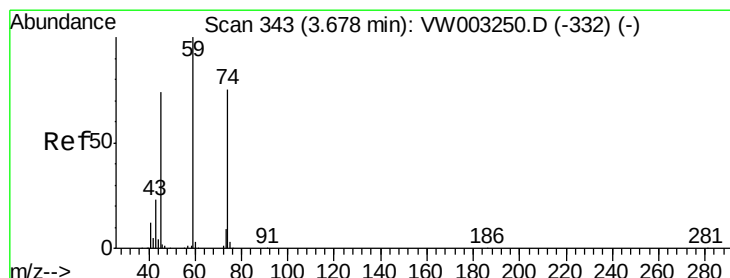
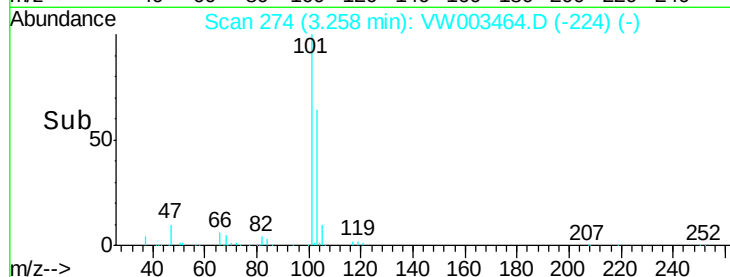
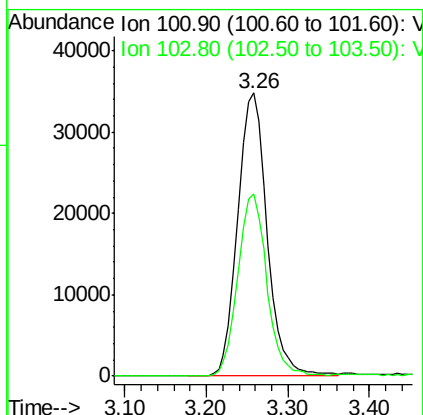
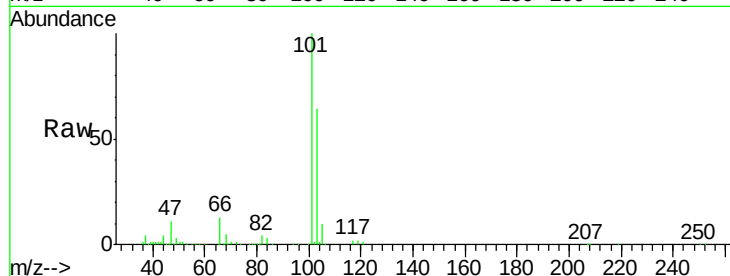
Trichlorofluoromethane
Concen: 55.21 ug/l
RT: 3.26 min Scan# 274
Delta R.T. 0.01 min
Lab File: VW003464.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.4	53.4	80.0

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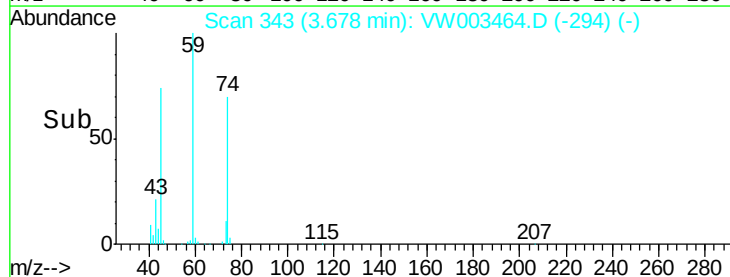
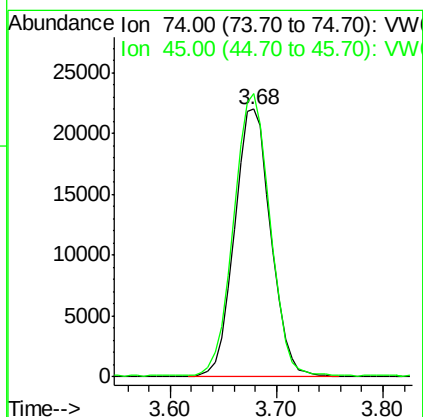
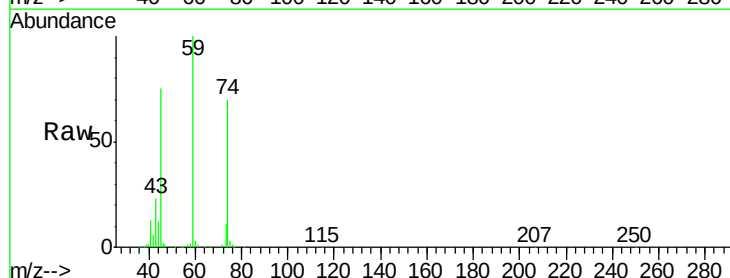
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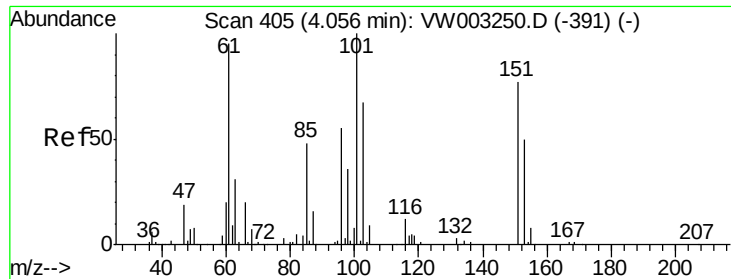


#8

Diethyl Ether
Concen: 45.64 ug/l
RT: 3.68 min Scan# 343
Delta R.T. 0.00 min
Lab File: VW003464.D
Acq: 23 Jun 2018 16:54

Tgt Ion	Ratio	Lower	Upper
74	100		
45	105.5	51.4	154.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.35 ug/l

RT: 4.06 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW003464.D

Acq: 23 Jun 2018 16:54

Instrument :

MSVOA_W

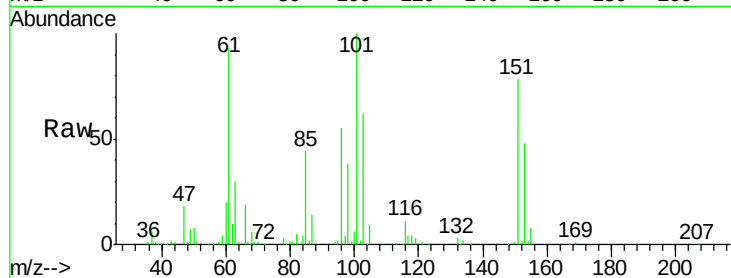
ClientSampleId :

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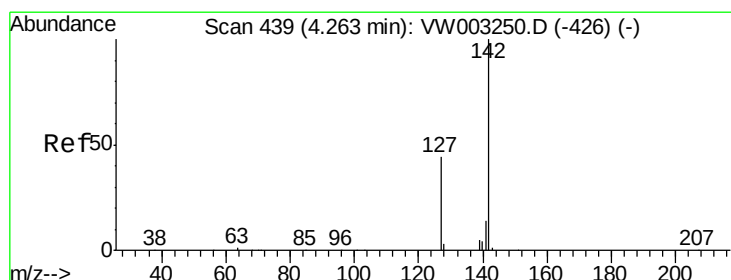
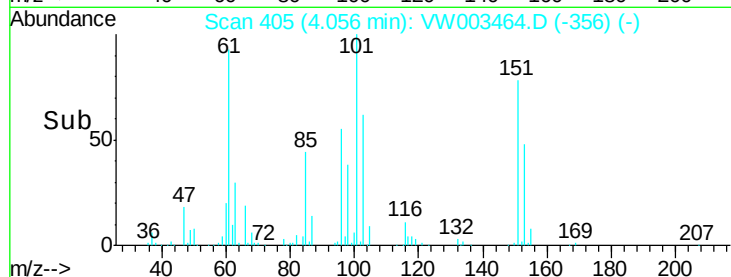
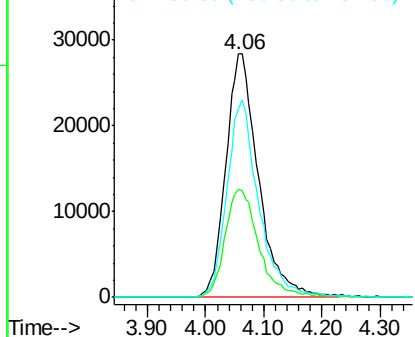
Tot Ion:	101	Resp:	110108
Ion Ratio	Lower	Upper	
101	100		
85	46.1	37.0	55.6
151	79.0	63.3	94.9

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 48.87 ug/l

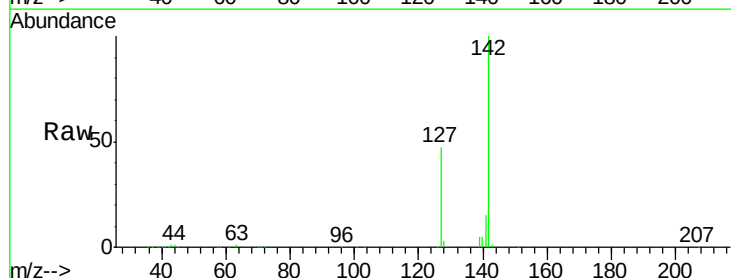
RT: 4.26 min Scan# 439

Delta R.T. 0.00 min

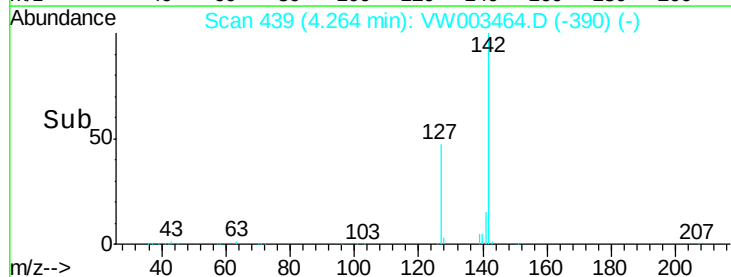
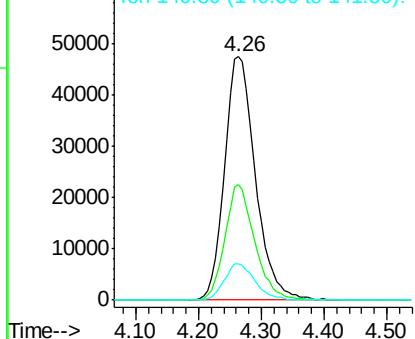
Lab File: VW003464.D

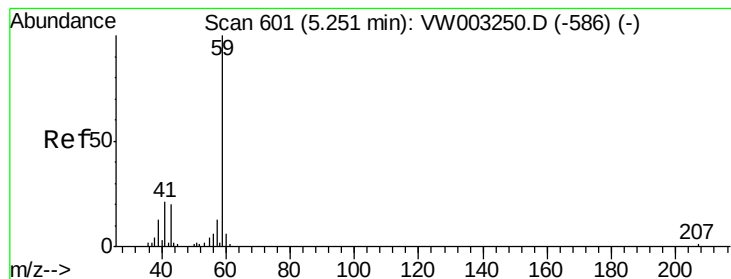
Acq: 23 Jun 2018 16:54

Tgt Ion:	142	Resp:	161621
Ion Ratio	Lower	Upper	
142	100		
127	45.9	36.5	54.7
141	14.9	12.1	18.1



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

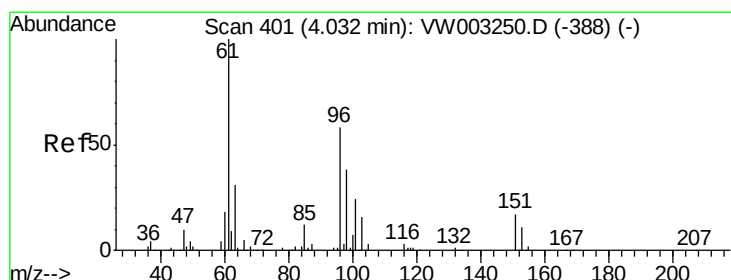
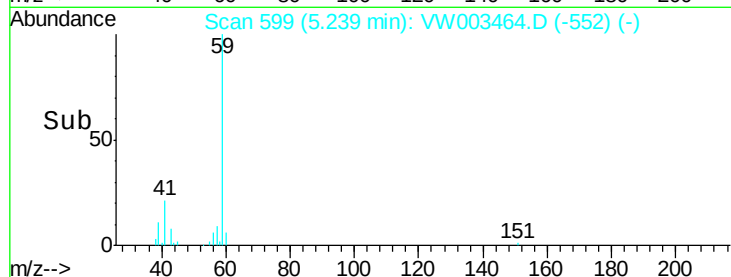
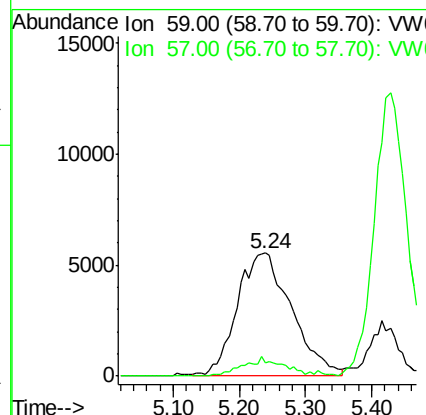
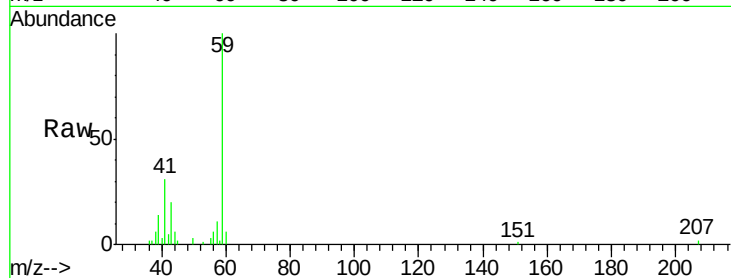
Tert butyl alcohol
Concen: 231.79 ug/l
RT: 5.24 min Scan# 599
Delta R.T. -0.01 min
Lab File: VW003464.D
Acq: 23 Jun 2018 16:54

Instrument :
MSVOA_W
ClientSampleId :
WP021SB476-25-27-180619MS

Tot Ion: 59 Resp: 31784
Ion Ratio Lower Upper
59 100
57 11.4 4.2 6.2#

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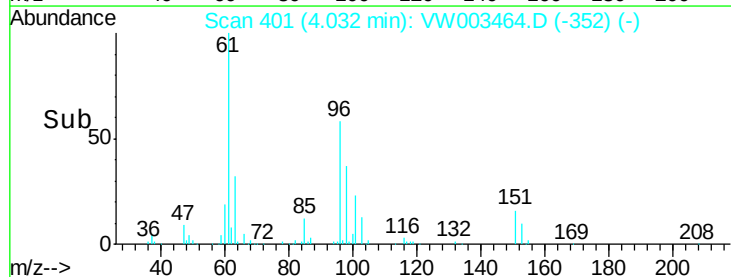
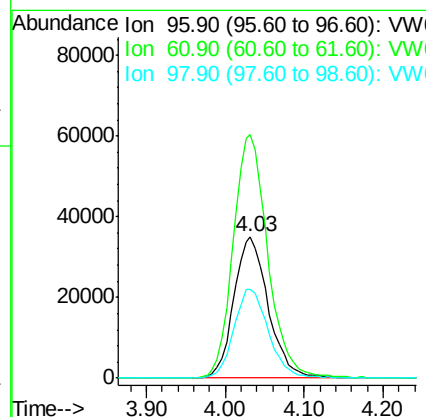
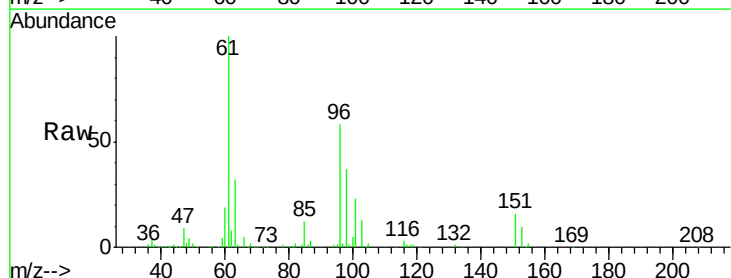
apatel
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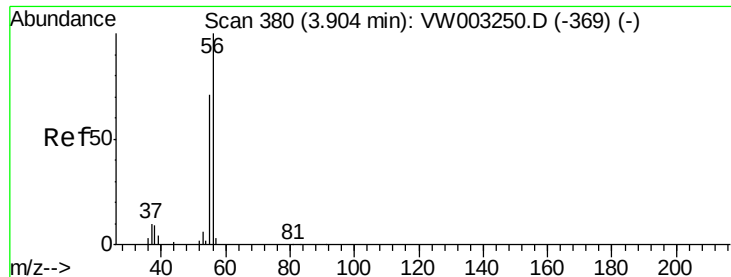


#12

1,1-Dichloroethene
Concen: 49.62 ug/l
RT: 4.03 min Scan# 401
Delta R.T. 0.00 min
Lab File: VW003464.D
Acq: 23 Jun 2018 16:54

Tgt Ion: 96 Resp: 106020
Ion Ratio Lower Upper
96 100
61 172.1 139.0 208.4
98 63.0 53.3 79.9





#13

Acrolein

Concen: 66.02 ug/l

RT: 3.90 min Scan# 379

Delta R.T. -0.01 min

Lab File: VW003464.D

Acq: 23 Jun 2018 16:54

Instrument :

MSVOA_W

ClientSampleId :

WP021SB476-25-27-180619MS

Tot Ion: 56 Resp: 12943

Ion Ratio Lower Upper

56 100

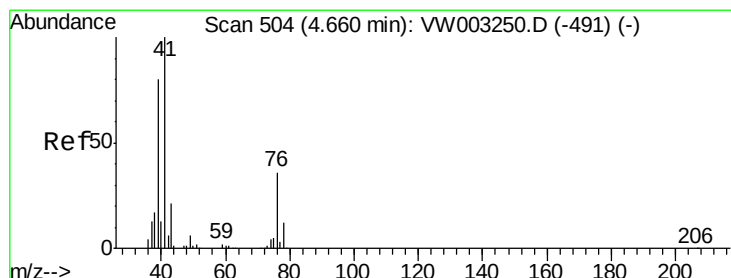
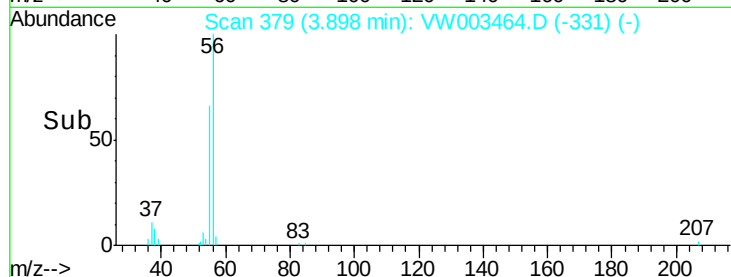
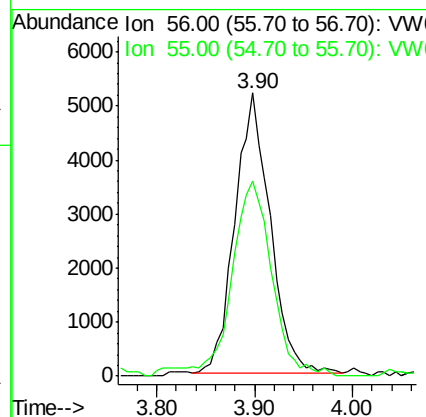
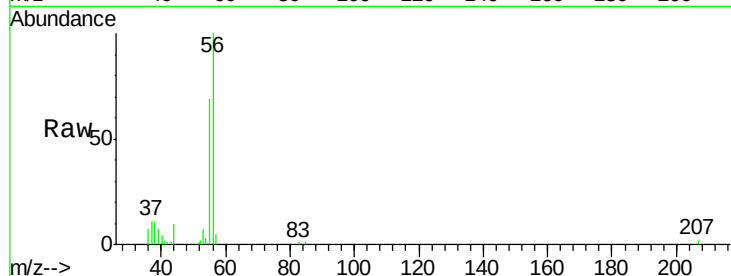
55 80.6 55.4 83.2

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#14

Allyl chloride

Concen: 49.70 ug/l

RT: 4.66 min Scan# 504

Delta R.T. 0.00 min

Lab File: VW003464.D

Acq: 23 Jun 2018 16:54

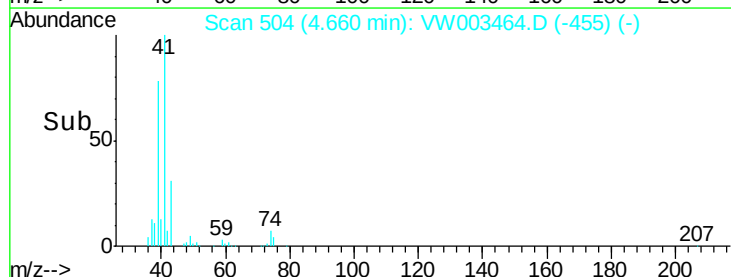
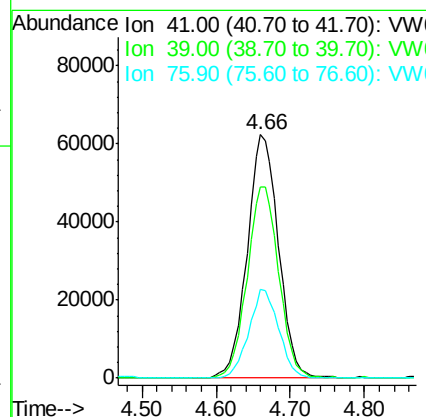
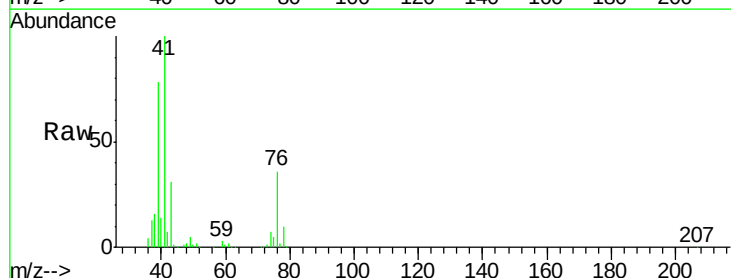
Tgt Ion: 41 Resp: 183976

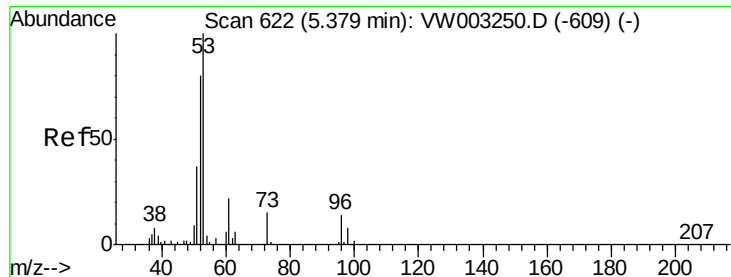
Ion Ratio Lower Upper

41 100

39 79.1 63.2 94.8

76 34.9 28.0 42.0





#15

Acrylonitrile

Concen: 218.75 ug/l

RT: 5.38 min Scan# 622

Delta R.T. 0.00 min

Lab File: VW003464.D

Acq: 23 Jun 2018 16:54

Instrument :

MSVOA_W

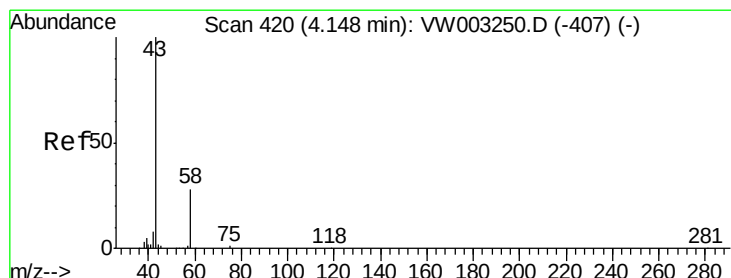
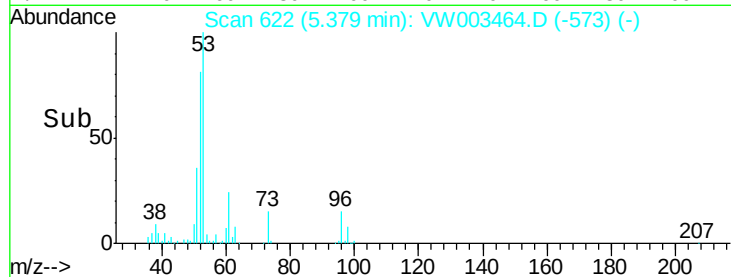
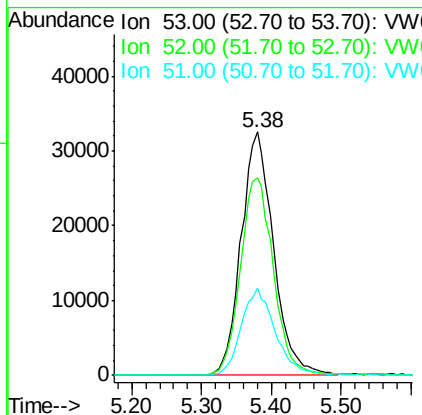
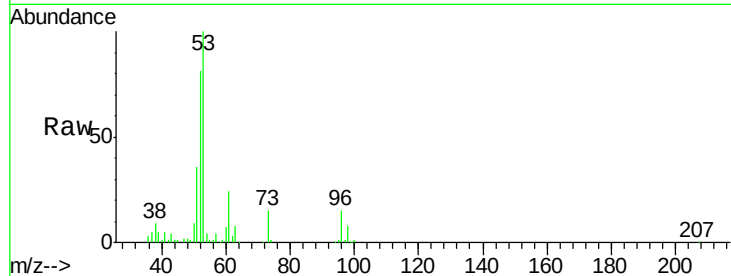
ClientSampleId :

WP021SB476-25-27-180619MS

Tot Ion:	53	Resp:	104110
Ion	Ratio	Lower	Upper
53	100		
52	83.3	66.6	100.0
51	37.2	30.6	46.0

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#16

Acetone

Concen: 266.52 ug/l

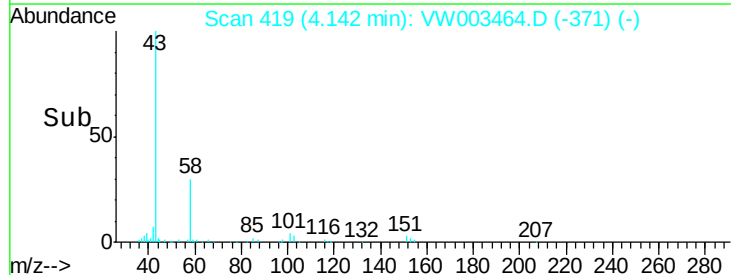
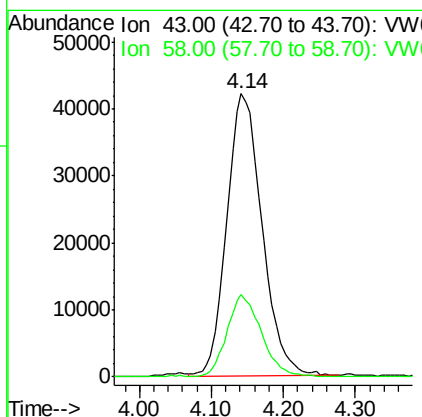
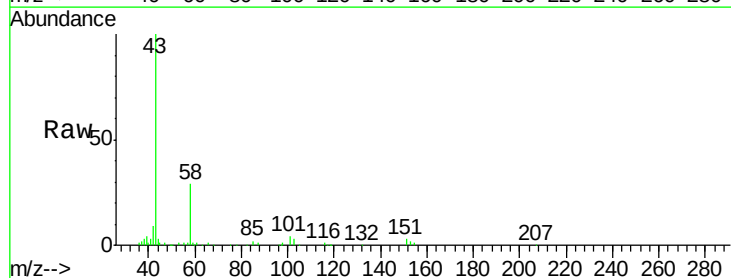
RT: 4.14 min Scan# 419

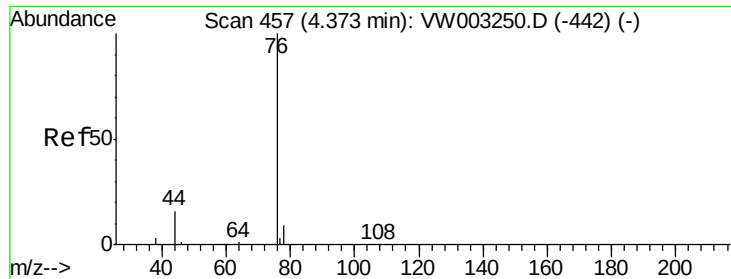
Delta R.T. -0.01 min

Lab File: VW003464.D

Acq: 23 Jun 2018 16:54

Tgt Ion:	43	Resp:	142919
Ion	Ratio	Lower	Upper
43	100		
58	29.3	22.6	34.0





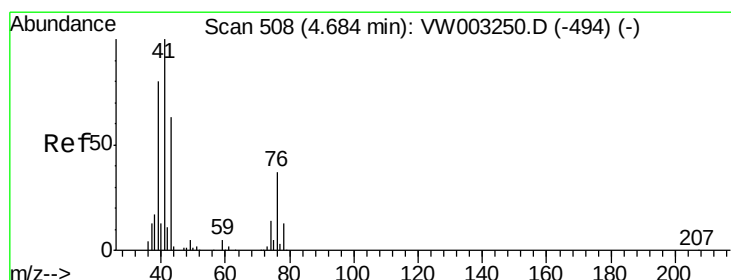
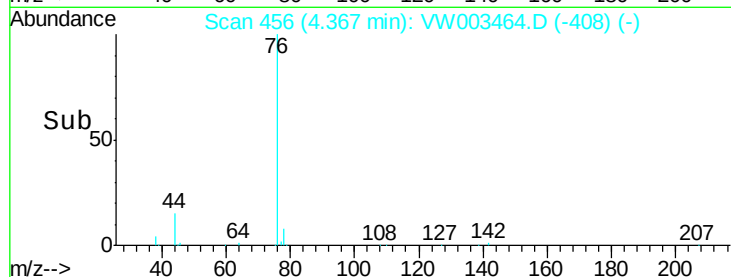
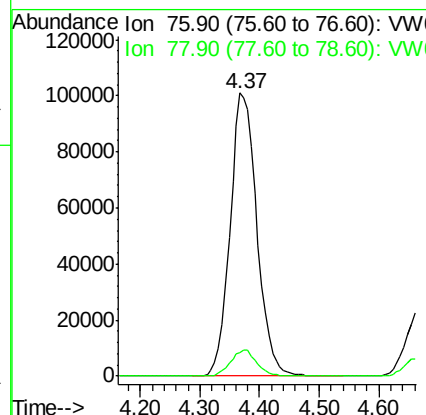
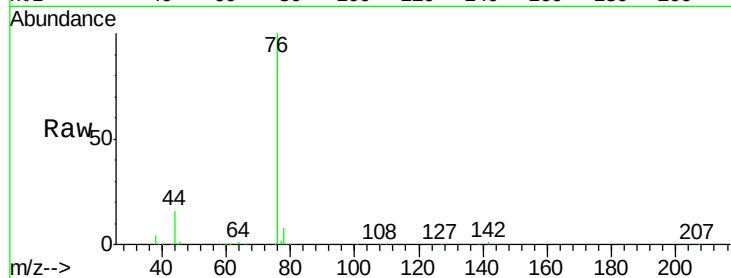
#17
Carbon Disulfide
Concen: 49.84 ug/l
RT: 4.37 min Scan# 456
Delta R.T. -0.01 min
Lab File: VW003464.D
Acq: 23 Jun 2018 16:54

Instrument :
MSVOA_W
ClientSampleId :
WP021SB476-25-27-180619MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.4	7.1	10.7

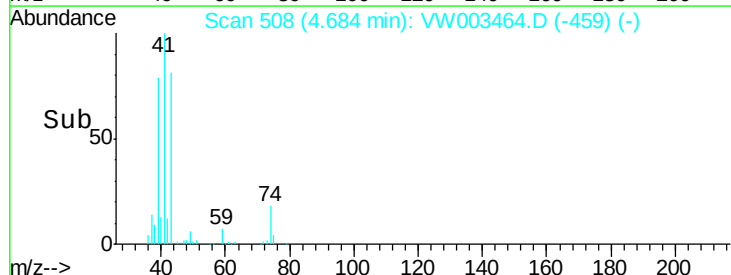
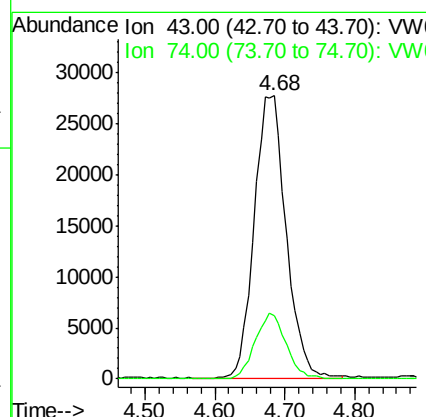
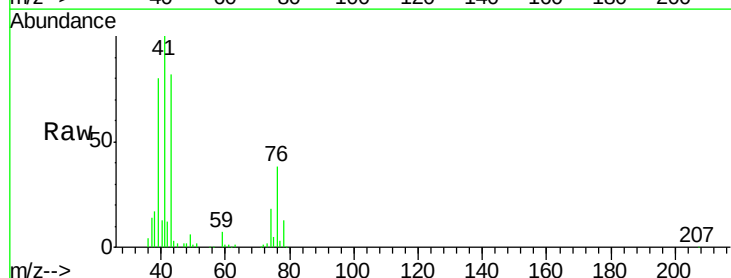
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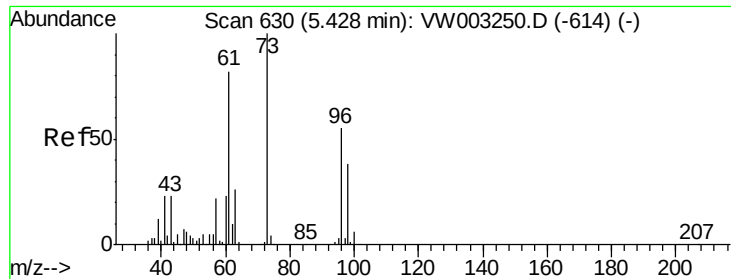
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#18
Methyl Acetate
Concen: 69.49 ug/l
RT: 4.68 min Scan# 508
Delta R.T. 0.00 min
Lab File: VW003464.D
Acq: 23 Jun 2018 16:54

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.3	18.7	28.1





#19

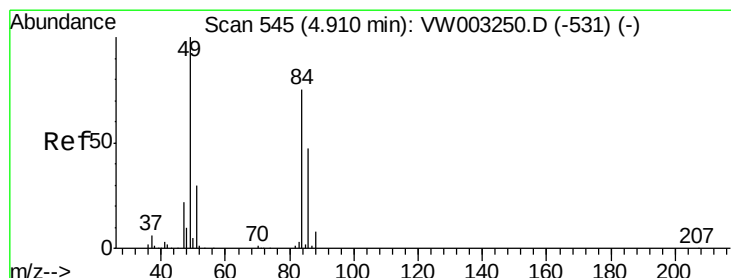
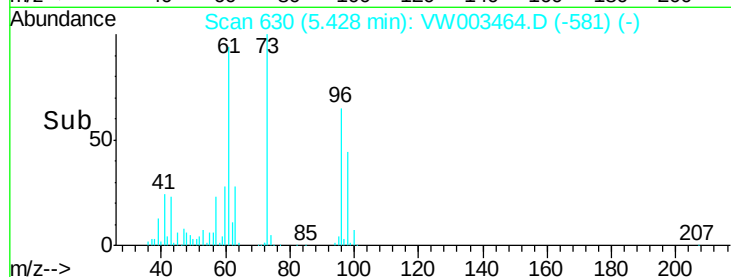
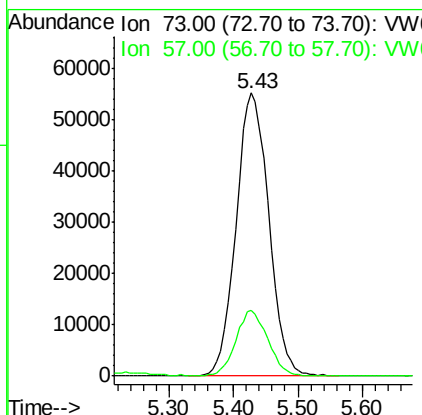
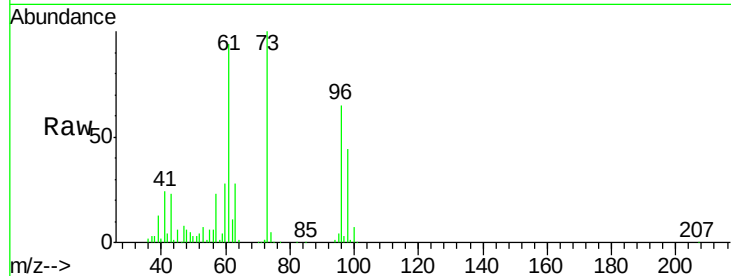
Methyl tert-butyl Ether
 Concen: 48.33 ug/l
 RT: 5.43 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: VW003464.D
 Acq: 23 Jun 2018 16:54

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB476-25-27-180619MS

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.0	18.0	27.0

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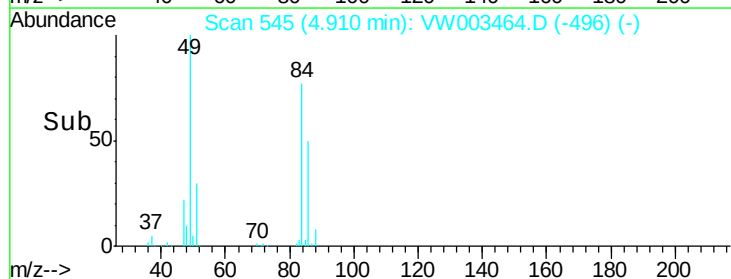
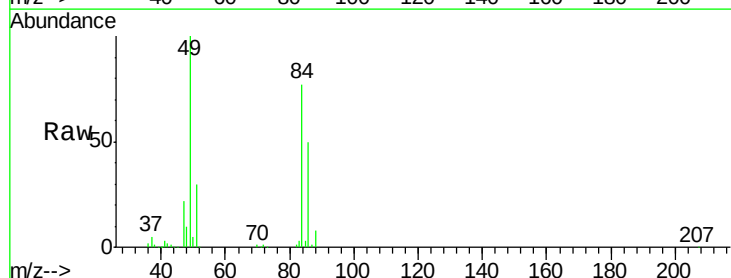
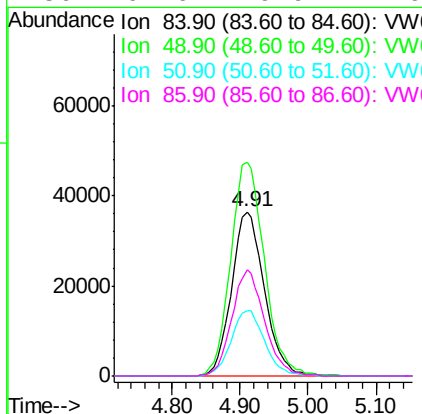
apatel
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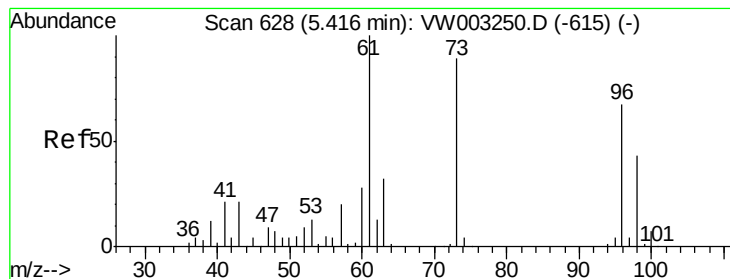


#20

Methylene Chloride
 Concen: 54.13 ug/l
 RT: 4.91 min Scan# 545
 Delta R.T. 0.00 min
 Lab File: VW003464.D
 Acq: 23 Jun 2018 16:54

Tgt Ion	Ratio	Lower	Upper
84	100		
49	130.0	106.3	159.5
51	39.4	32.0	48.0
86	64.6	49.9	74.9





#21

trans-1,2-Dichloroethene

Concen: 50.73 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.00 min

Lab File: VW003464.D

Acq: 23 Jun 2018 16:54

Instrument :

MSVOA_W

ClientSampleId :

WP021SB476-25-27-180619MS

Tot Ion: 96 Resp: 117970

Ion Ratio Lower Upper

96 100

61 144.9 118.7 178.1

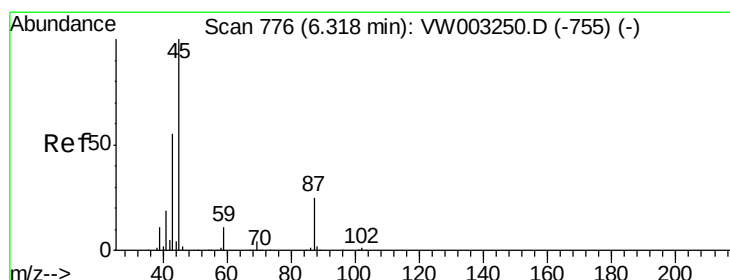
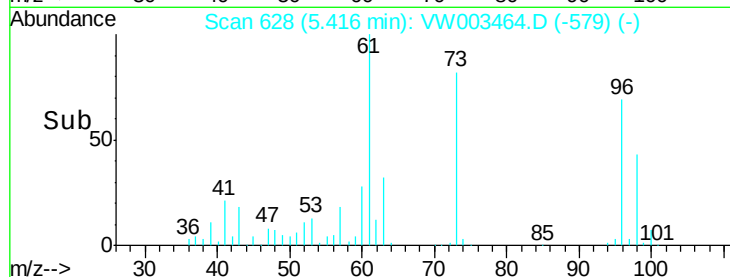
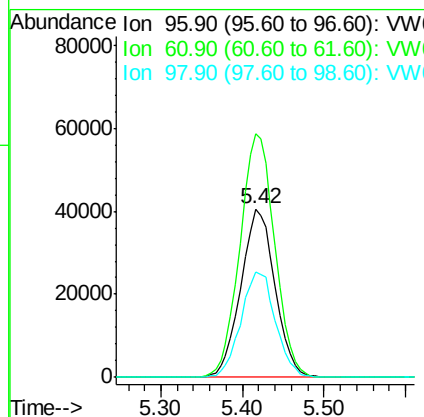
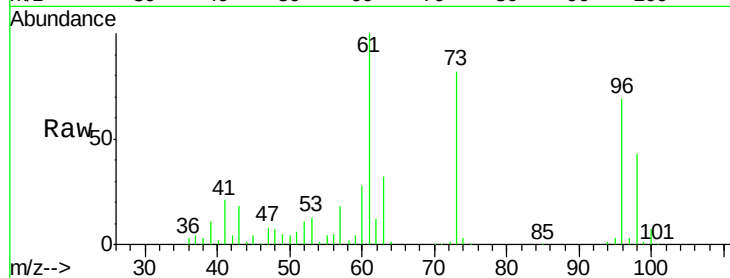
98 62.4 51.0 76.6

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#22

Diisopropyl ether

Concen: 50.80 ug/l

RT: 6.32 min Scan# 776

Delta R.T. 0.00 min

Lab File: VW003464.D

Acq: 23 Jun 2018 16:54

Tgt Ion: 45 Resp: 378439

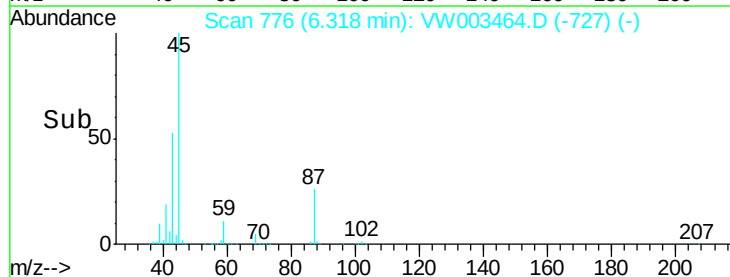
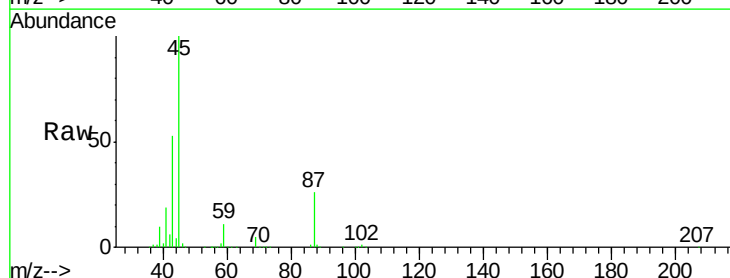
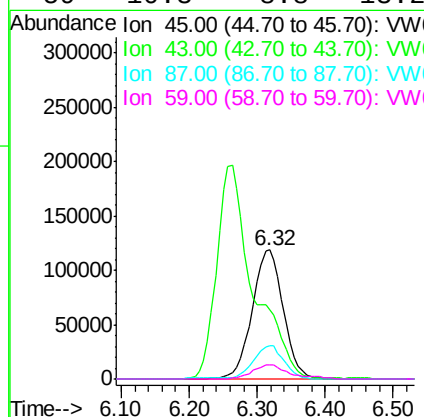
Ion Ratio Lower Upper

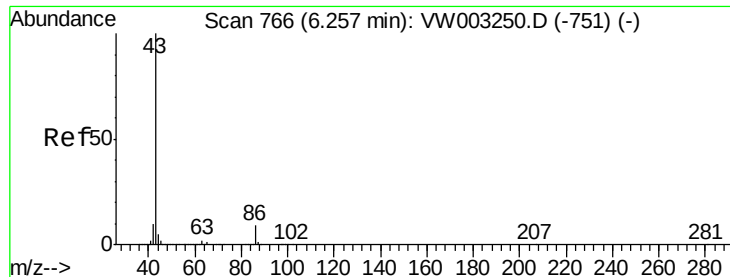
45 100

43 52.8 44.0 66.0

87 25.5 20.6 31.0

59 10.3 8.8 13.2





#23

Vinyl Acetate

Concen: 172.34 ug/l

RT: 6.26 min Scan# 767

Delta R.T. 0.01 min

Lab File: VW003464.D

Acq: 23 Jun 2018 16:54

Tot Ion: 43 Resp: 739807

Ion Ratio Lower Upper

43 100

86 9.7 7.5 11.3

Instrument :

MSVOA_W

ClientSampleId :

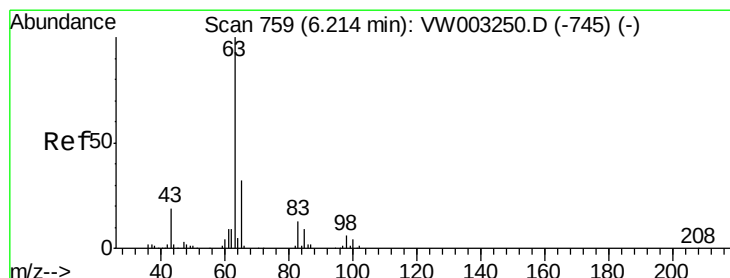
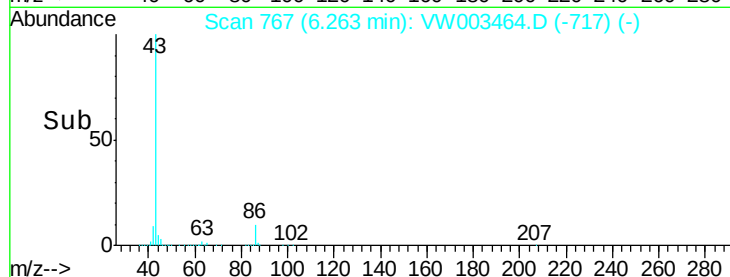
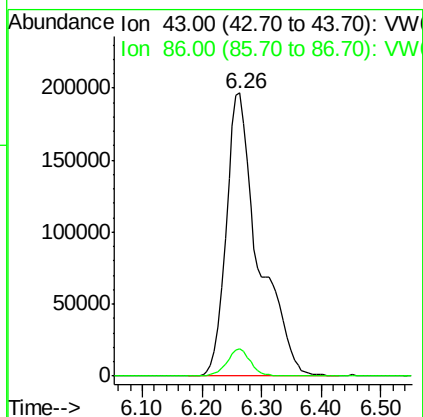
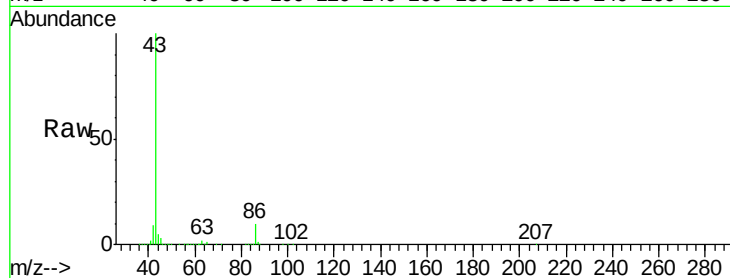
WP021SB476-25-27-180619MS

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#24

1,1-Dichloroethane

Concen: 51.76 ug/l

RT: 6.22 min Scan# 760

Delta R.T. 0.01 min

Lab File: VW003464.D

Acq: 23 Jun 2018 16:54

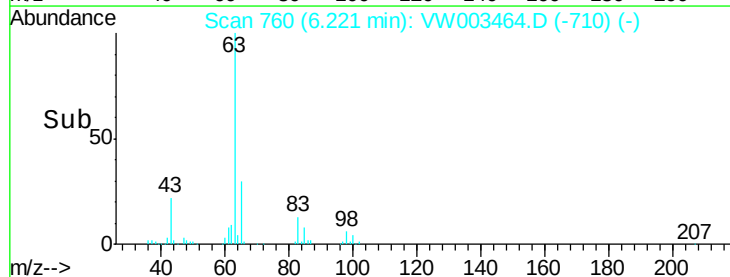
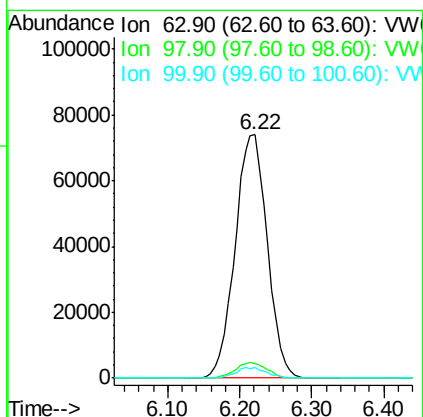
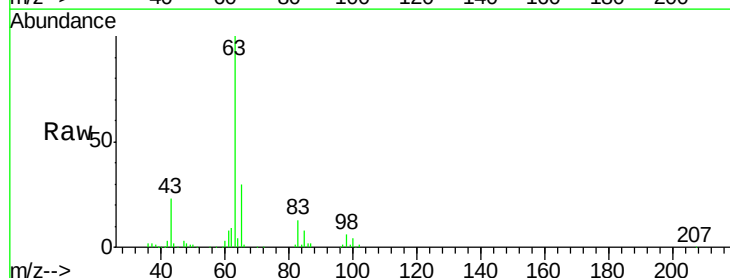
Tgt Ion: 63 Resp: 228887

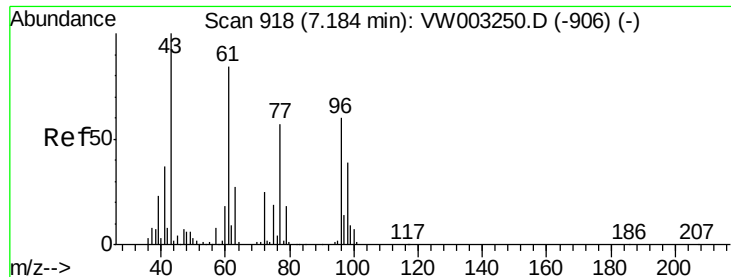
Ion Ratio Lower Upper

63 100

98 6.1 2.8 8.3

100 4.2 2.1 6.5





#25

2-Butanone

Concen: 234.15 ug/l

RT: 7.19 min Scan# 919

Delta R.T. 0.01 min

Lab File: VW003464.D

Acq: 23 Jun 2018 16:54

Tot Ion: 43 Resp: 156130

Ion Ratio Lower Upper

43 100

72 24.6 20.3 30.5

Instrument :

MSVOA_W

ClientSampleId :

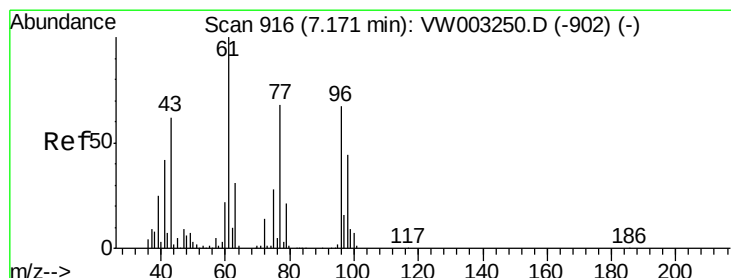
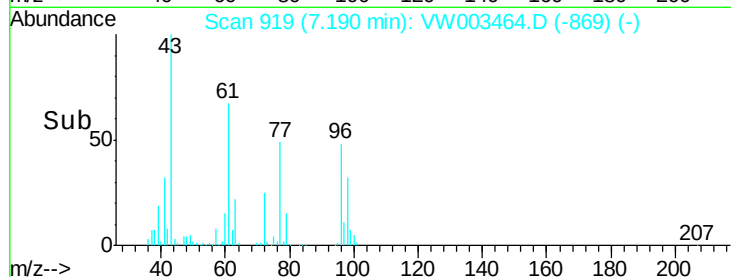
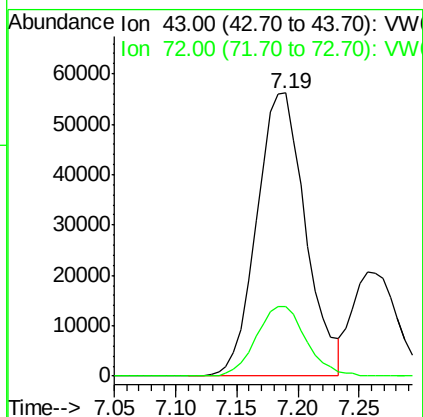
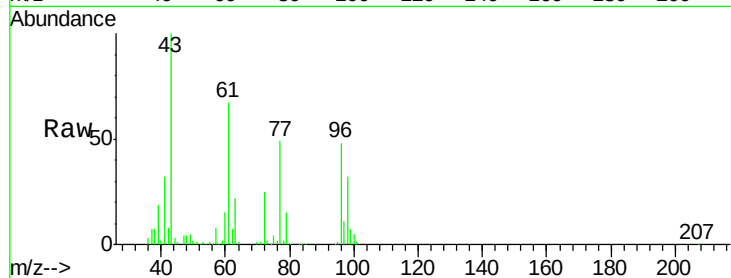
WP021SB476-25-27-180619MS

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#26

2,2-Dichloropropane

Concen: 48.80 ug/l

RT: 7.17 min Scan# 916

Delta R.T. 0.00 min

Lab File: VW003464.D

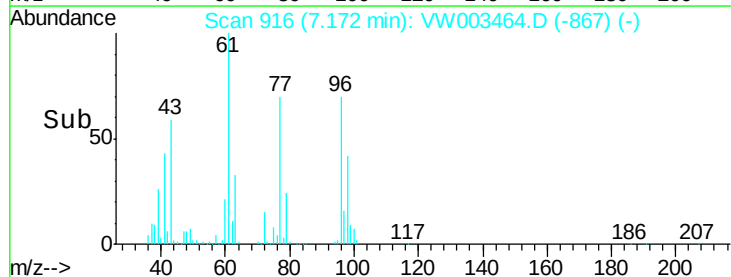
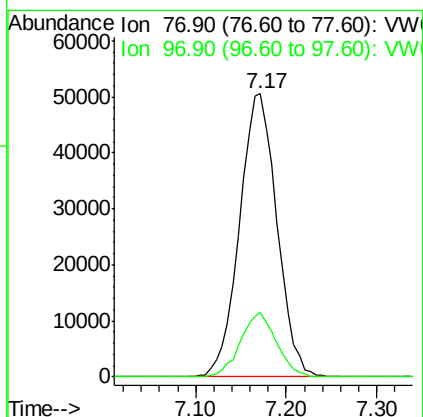
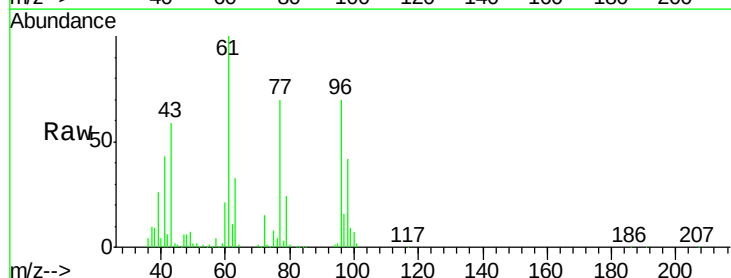
Acq: 23 Jun 2018 16:54

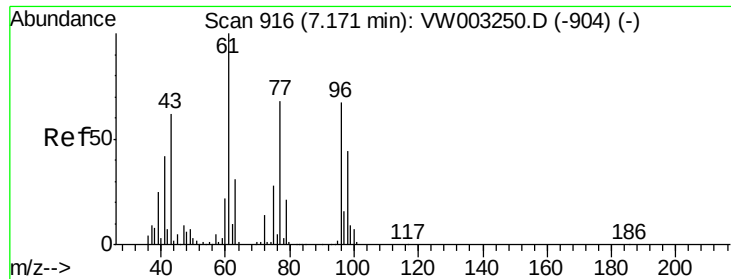
Tgt Ion: 77 Resp: 144043

Ion Ratio Lower Upper

77 100

97 21.8 11.3 33.9





#27

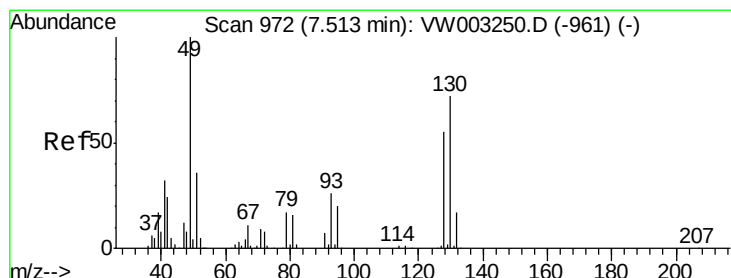
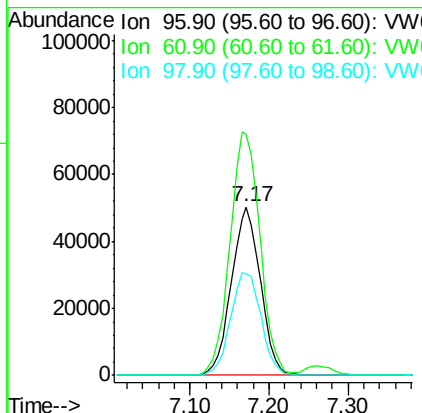
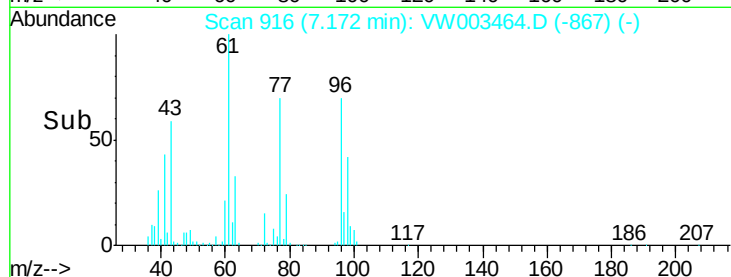
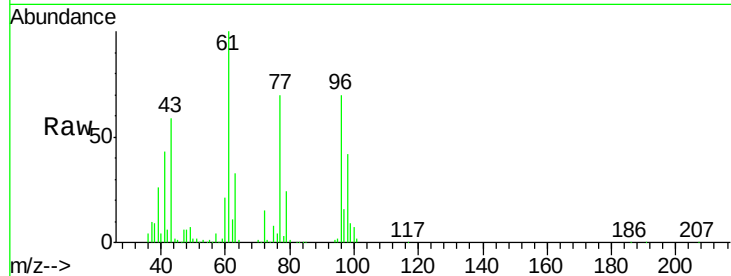
cis-1,2-Dichloroethene
Concen: 50.39 ug/l
RT: 7.17 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW003464.D
Acq: 23 Jun 2018 16:54

Instrument :
MSVOA_W
ClientSampleId :
WP021SB476-25-27-180619MS

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	149.9	0.0	298.8	
98	64.1	0.0	130.4	

Manual Integrations
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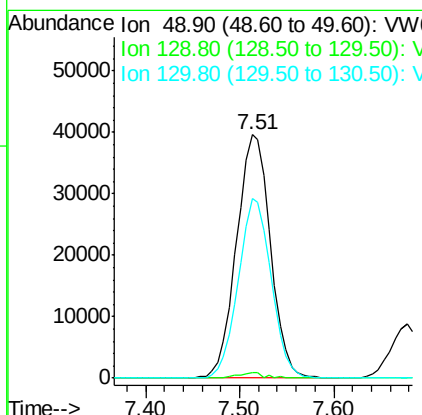
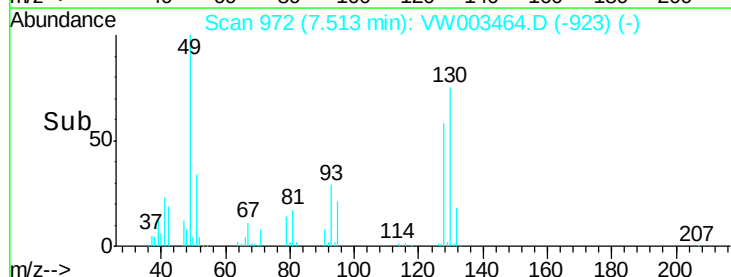
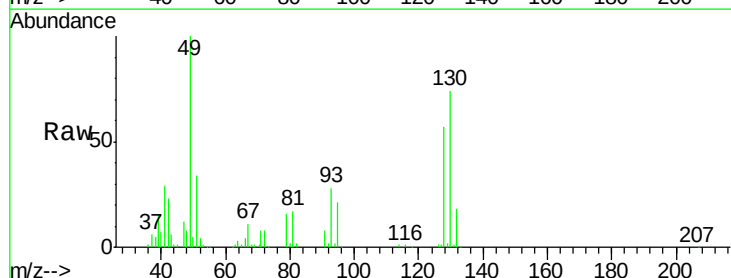
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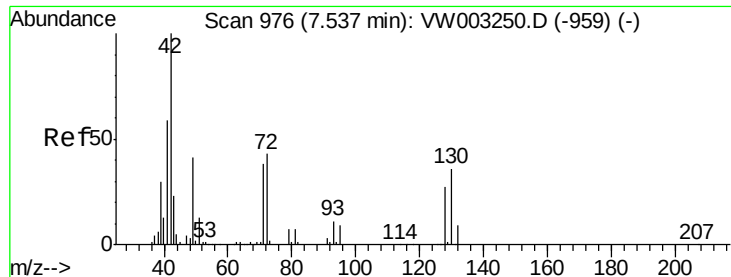


#28

Bromochloromethane
Concen: 54.28 ug/l
RT: 7.51 min Scan# 972
Delta R.T. 0.00 min
Lab File: VW003464.D
Acq: 23 Jun 2018 16:54

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.8	0.0	4.6	
130	71.9	59.4	89.2	





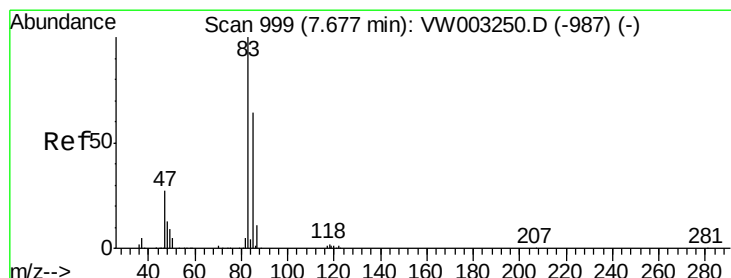
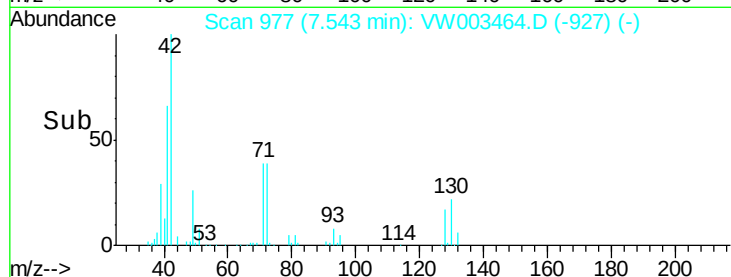
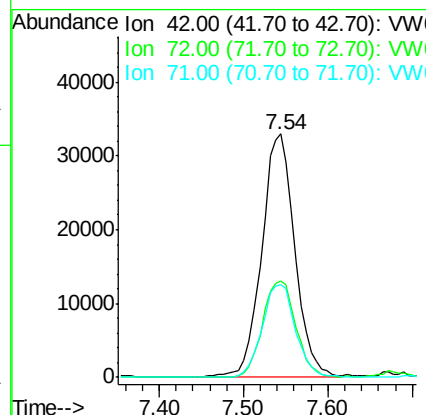
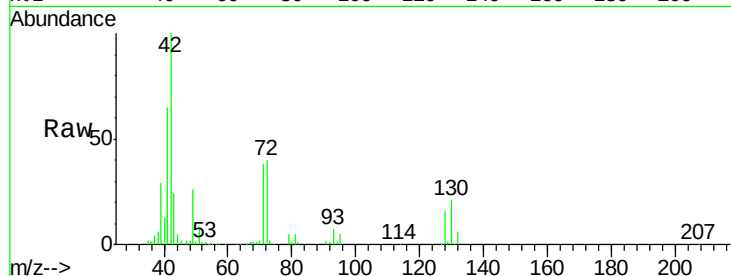
#29
Tetrahydrofuran
Concen: 216.92 ug/l
RT: 7.54 min Scan# 977
Delta R.T. 0.01 min
Lab File: VW003464.D
Acq: 23 Jun 2018 16:54

Instrument :
MSVOA_W
ClientSampleId :
WP021SB476-25-27-180619MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.4	32.4	48.6
71	38.9	31.2	46.8

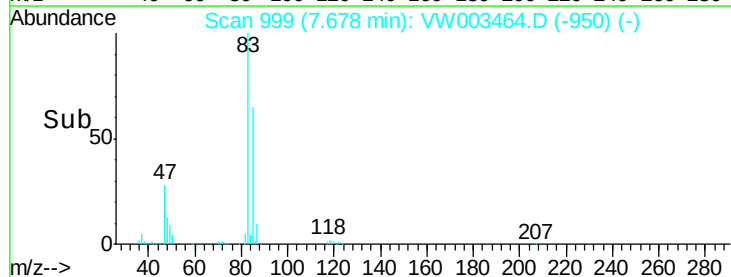
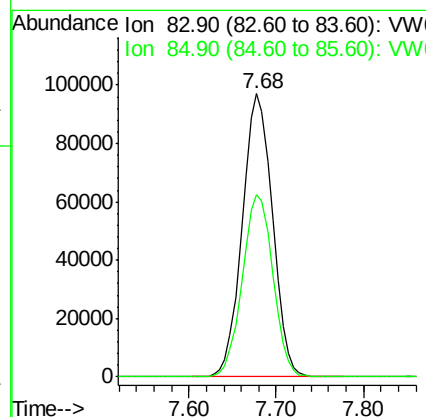
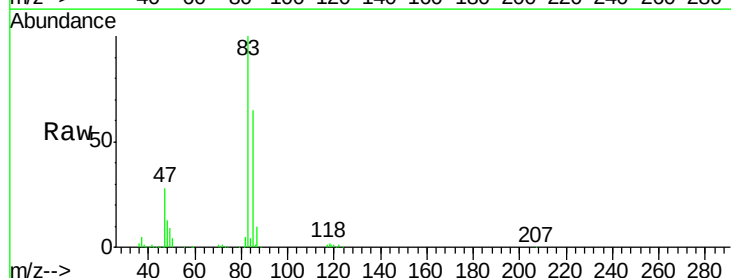
Manual Integrations
APPROVED

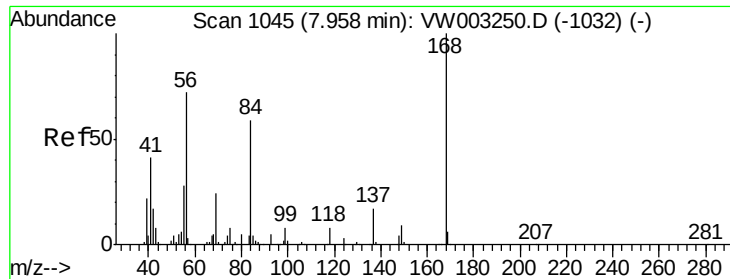
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#30
Chloroform
Concen: 51.77 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW003464.D
Acq: 23 Jun 2018 16:54

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	51.3	76.9





#31

Cyclohexane

Concen: 47.48 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. 0.00 min

Lab File: VW003464.D

Acq: 23 Jun 2018 16:54

Instrument :

MSVOA_W

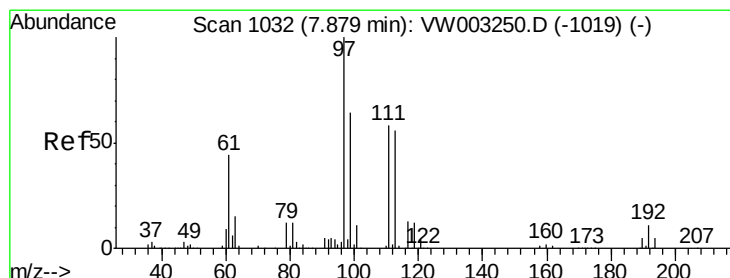
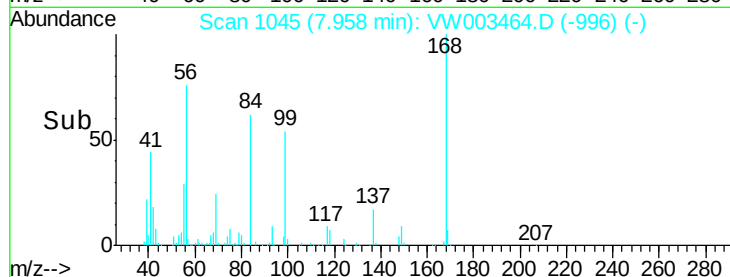
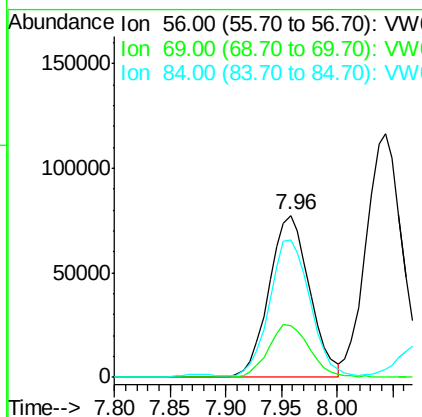
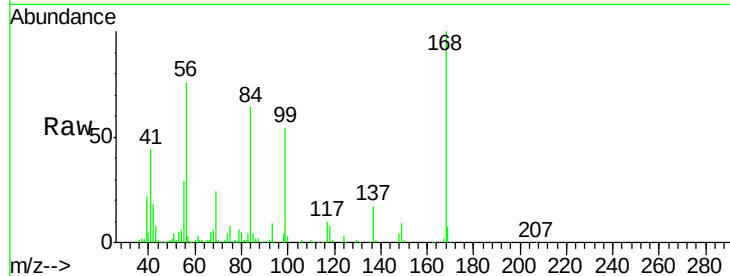
ClientSampleId :

WP021SB476-25-27-180619MS

Tot Ion:	56	Resp:	196150
Ion Ratio	Lower	Upper	
56	100		
69	31.8	26.3	39.5
84	83.3	65.7	98.5

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 51.56 ug/l

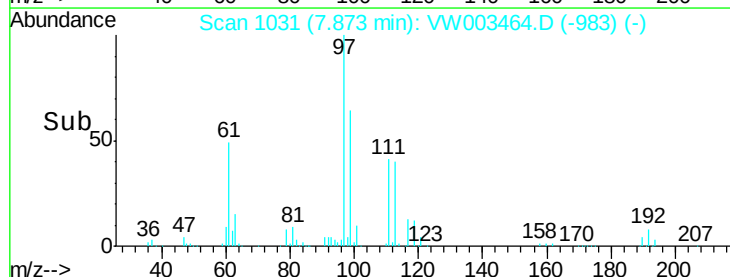
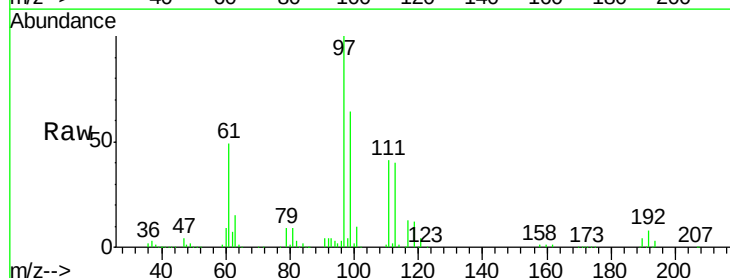
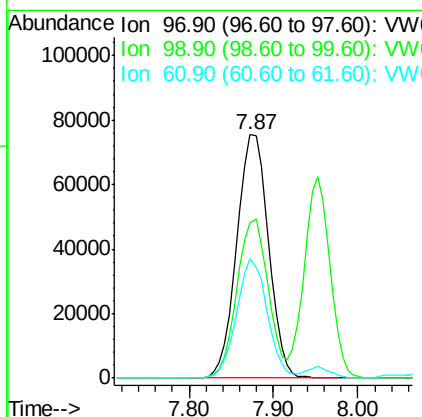
RT: 7.87 min Scan# 1031

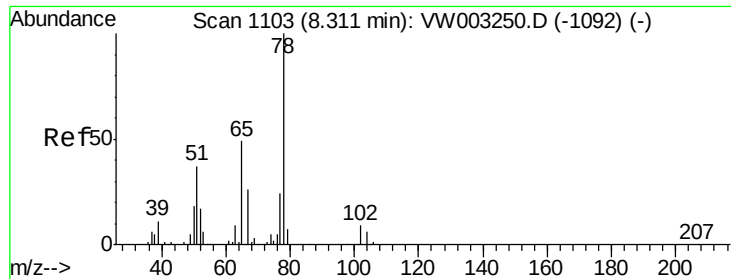
Delta R.T. -0.01 min

Lab File: VW003464.D

Acq: 23 Jun 2018 16:54

Tgt Ion:	97	Resp:	191744
Ion Ratio	Lower	Upper	
97	100		
99	65.0	51.7	77.5
61	47.2	37.6	56.4





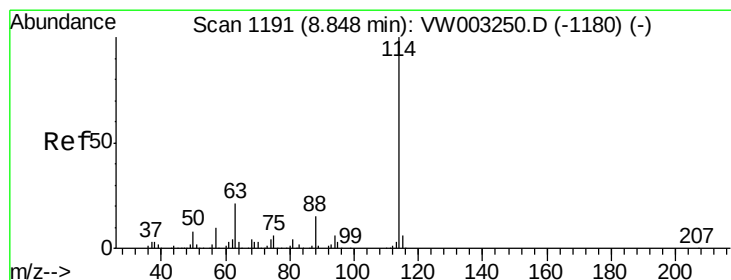
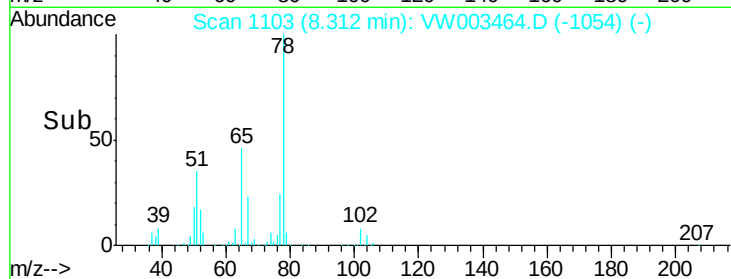
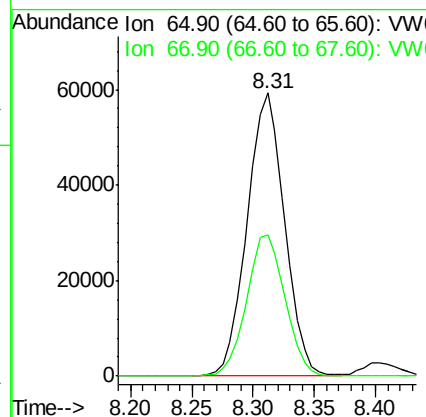
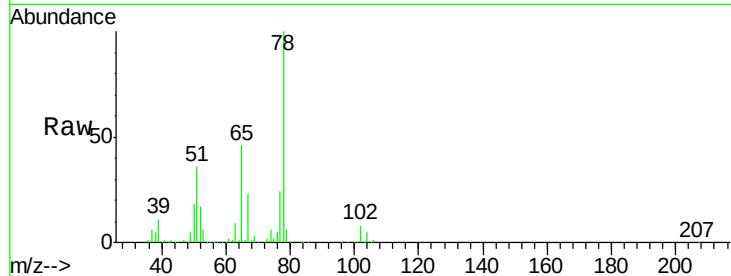
#33
 1,2-Dichloroethane-d4
 Concen: 49.52 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW003464.D
 Acq: 23 Jun 2018 16:54

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB476-25-27-180619MS

Tot Ion	Ratio	Resp	Lower	Upper
65	100	126603		
67	51.1	0.0	104.2	

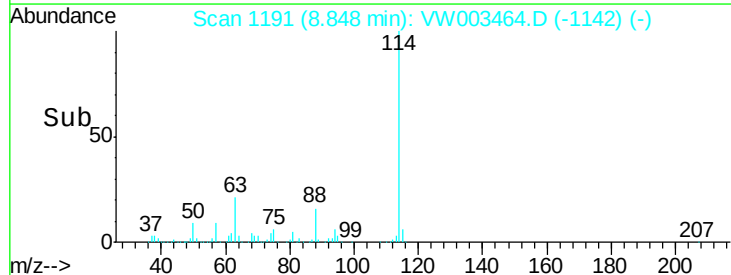
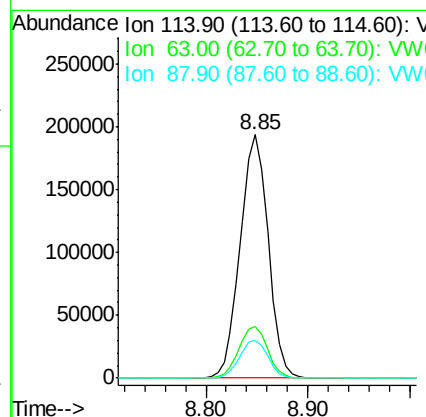
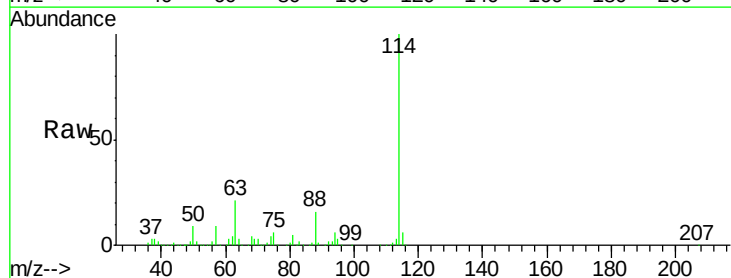
Manual Integrations
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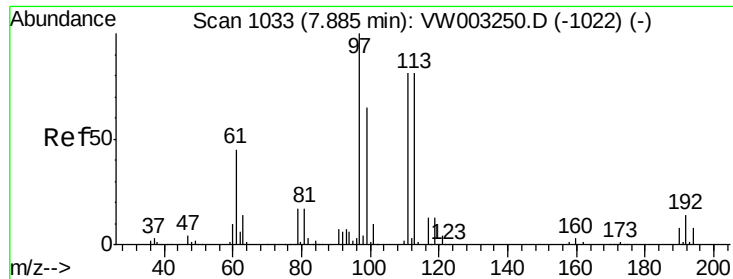
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003464.D
 Acq: 23 Jun 2018 16:54

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	368421		
63	21.3	0.0	43.0	
88	15.6	0.0	29.6	





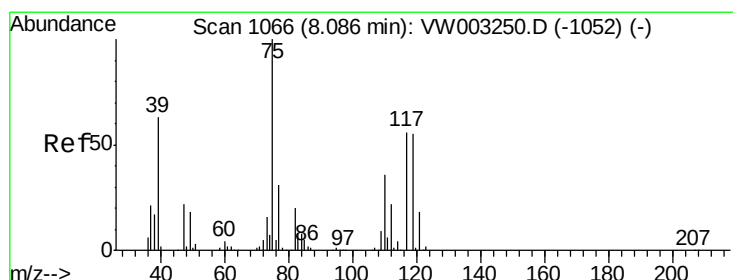
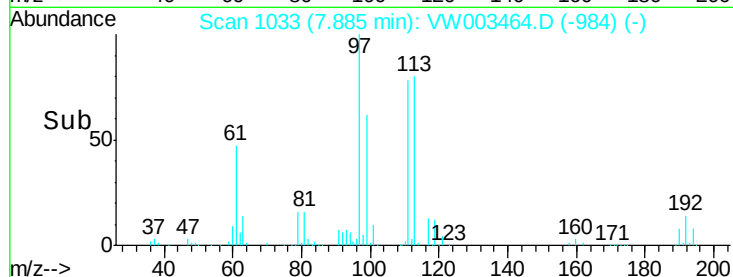
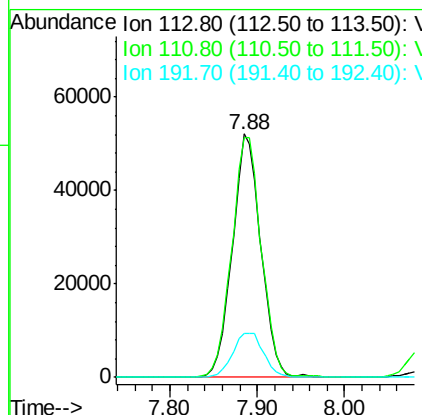
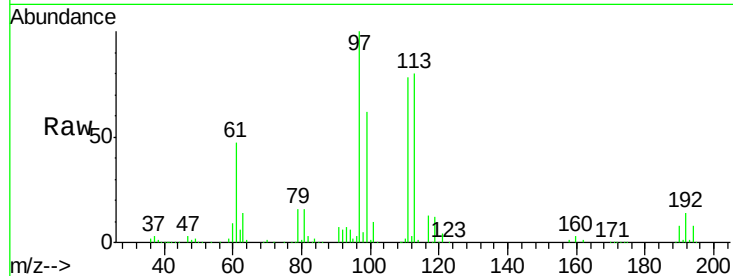
#35
 Dibromofluoromethane
 Concen: 51.39 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003464.D
 Acq: 23 Jun 2018 16:54

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB476-25-27-180619MS

Tot Ion	Ratio	Resp	Lower	Upper
113	100	117655		
111	102.9	82.2	123.2	
192	19.8	16.2	24.2	

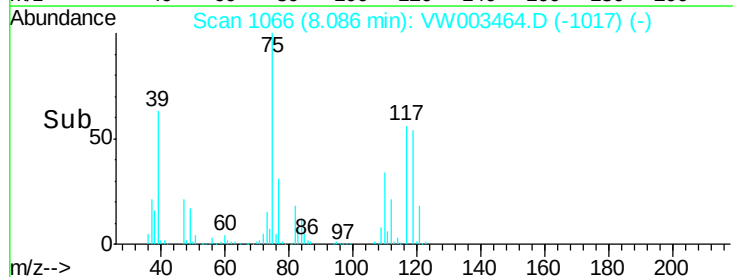
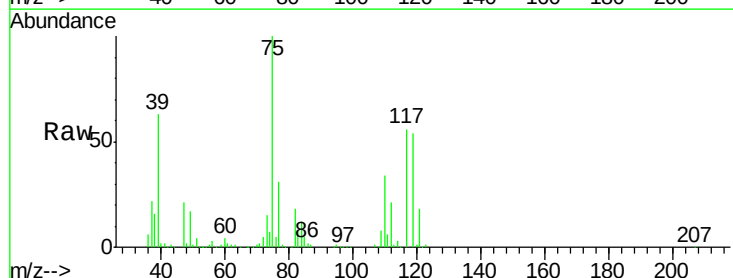
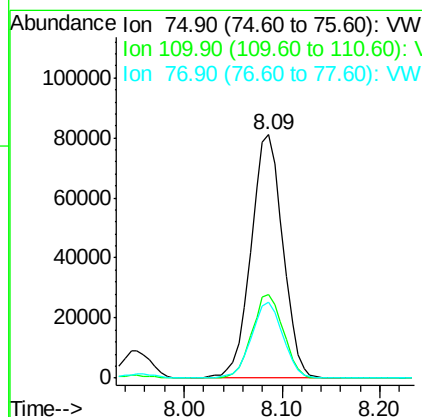
Manual Integrations
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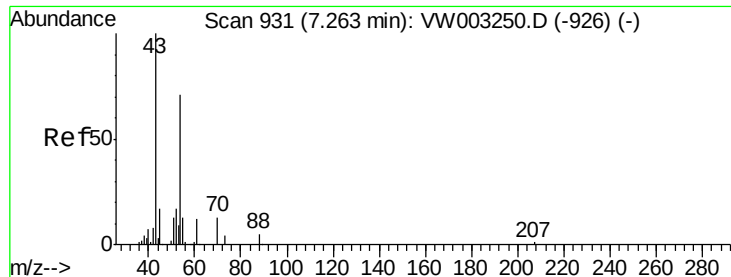
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#36
 1,1-Dichloropropene
 Concen: 51.30 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: VW003464.D
 Acq: 23 Jun 2018 16:54

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	182529		
110	34.0	17.1	51.3	
77	31.2	24.9	37.3	





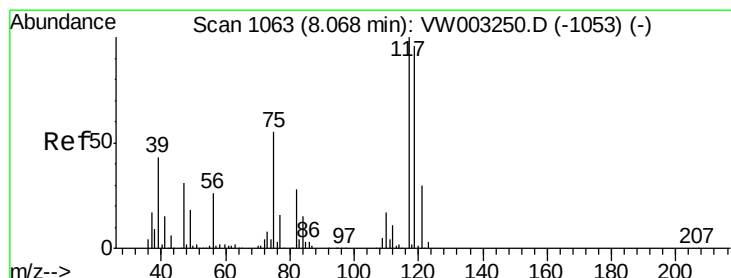
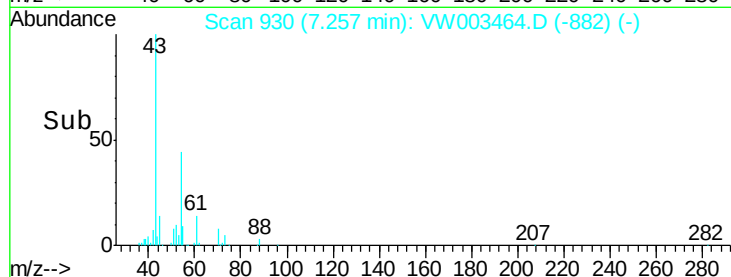
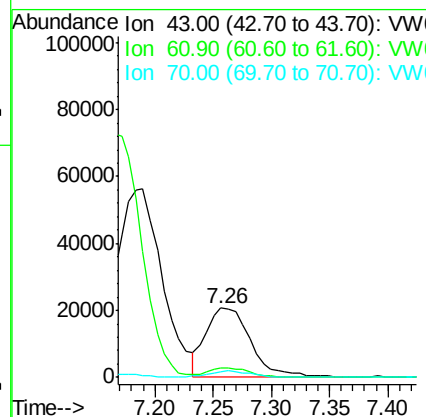
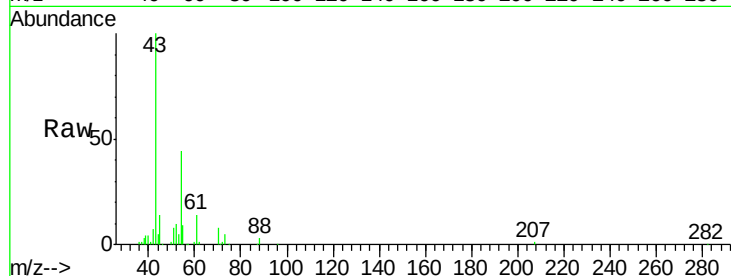
#37
Ethyl Acetate
Concen: 36.60 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.01 min
Lab File: VW003464.D
Acq: 23 Jun 2018 16:54

Instrument :
MSVOA_W
ClientSampleId :
WP021SB476-25-27-180619MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.8	16.2
70	8.9	7.8	11.6

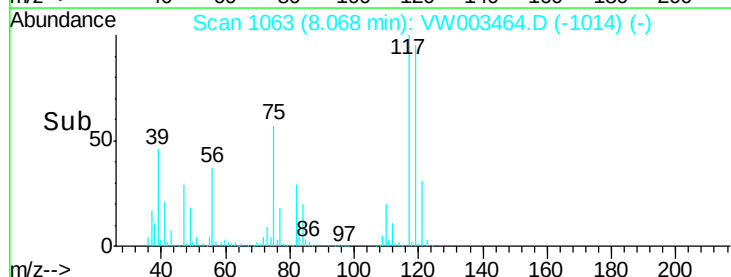
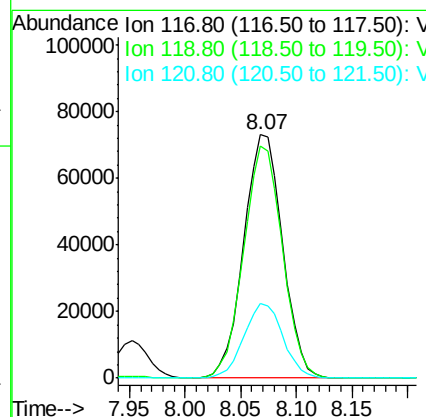
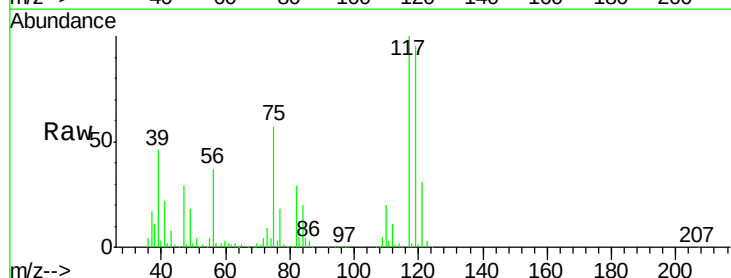
Manual Integrations
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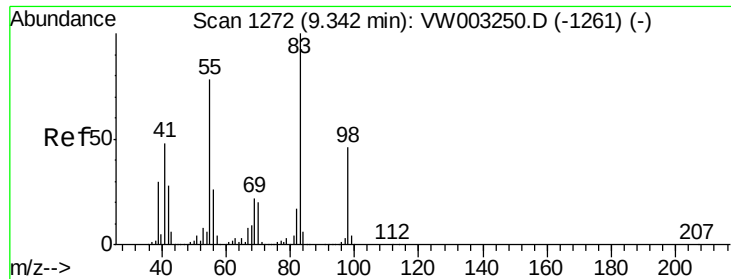
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#38
Carbon Tetrachloride
Concen: 50.89 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW003464.D
Acq: 23 Jun 2018 16:54

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	76.6	115.0
121	30.7	23.9	35.9





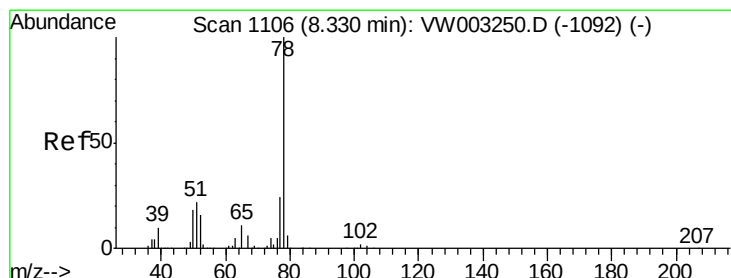
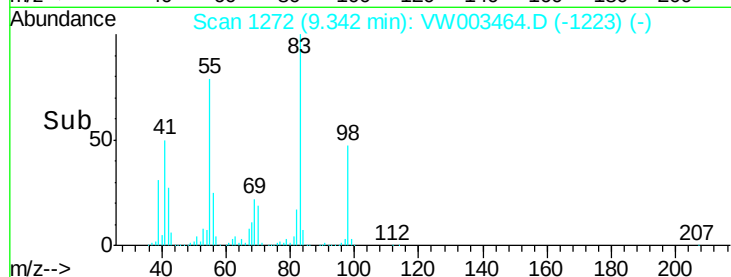
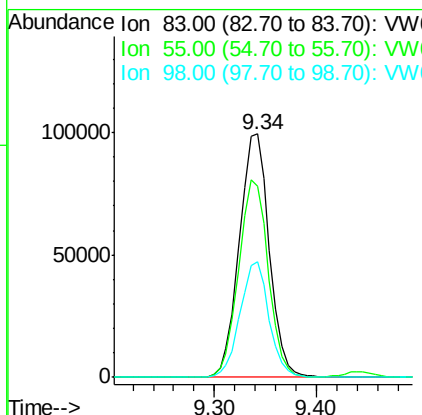
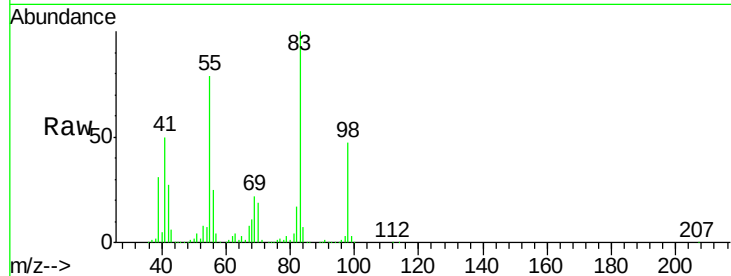
#39
Methylcyclohexane
Concen: 49.38 ug/l
RT: 9.34 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VW003464.D
Acq: 23 Jun 2018 16:54

Instrument :
MSVOA_W
ClientSampleId :
WP021SB476-25-27-180619MS

Tot Ion	Ratio	Resp	Lower	Upper
83	100	203288		
55	78.7		62.6	93.8
98	47.3		37.0	55.4

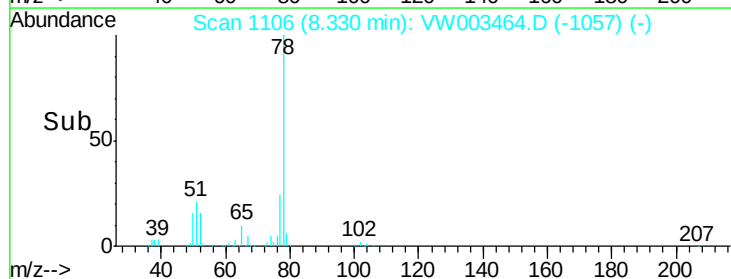
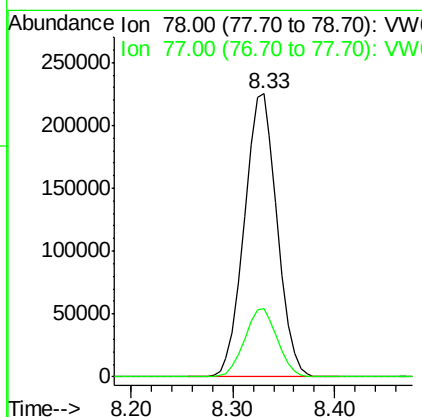
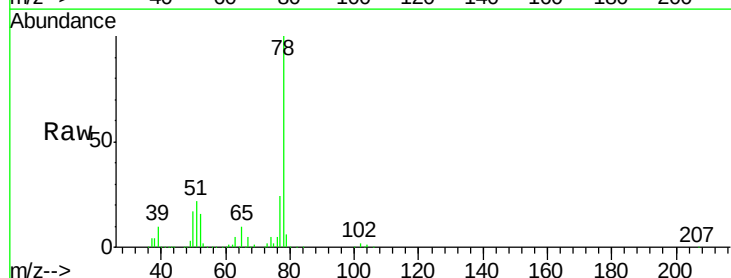
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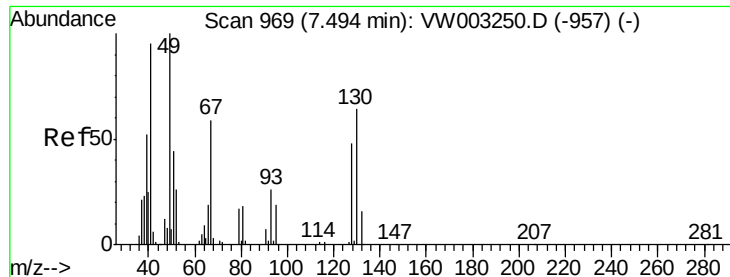
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#40
Benzene
Concen: 51.18 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VW003464.D
Acq: 23 Jun 2018 16:54

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	501928		
77	24.1		19.0	28.6





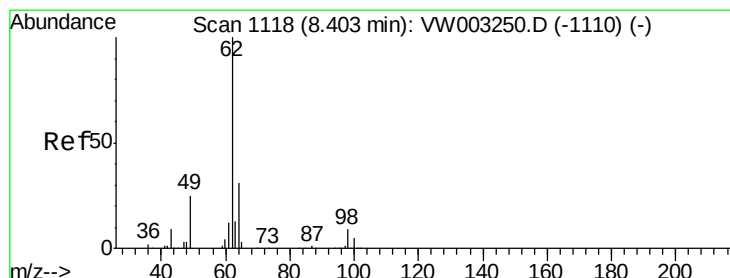
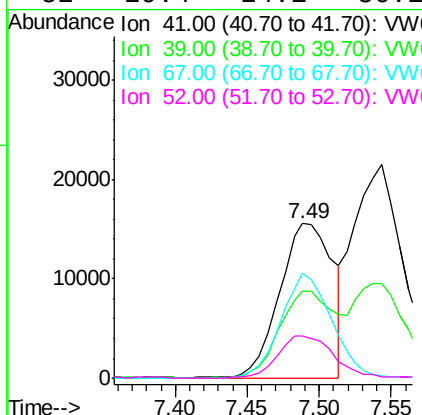
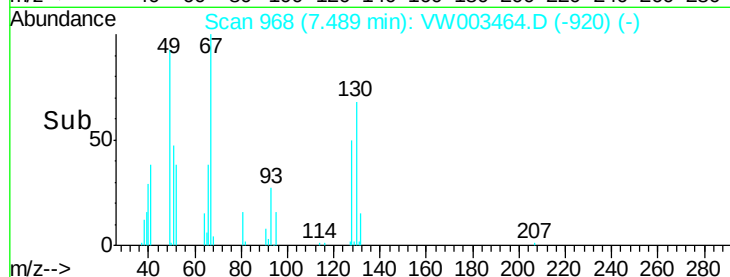
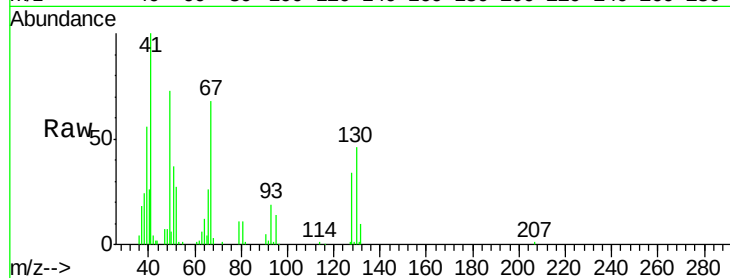
#41
Methacrylonitrile
Concen: 44.16 ug/l
RT: 7.49 min Scan# 968
Delta R.T. -0.01 min
Lab File: VW003464.D
Acq: 23 Jun 2018 16:54

Instrument :
MSVOA_W
ClientSampleId :
WP021SB476-25-27-180619MS

Tot Ion	41	Resp	39939
Ion	Ratio	Lower	Upper
41	100		
39	62.8	45.8	68.8
67	65.6	52.3	78.5
52	29.4	24.1	36.1

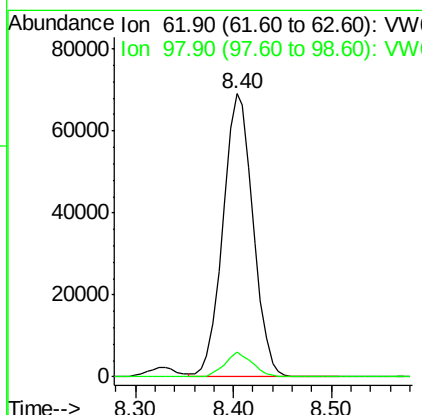
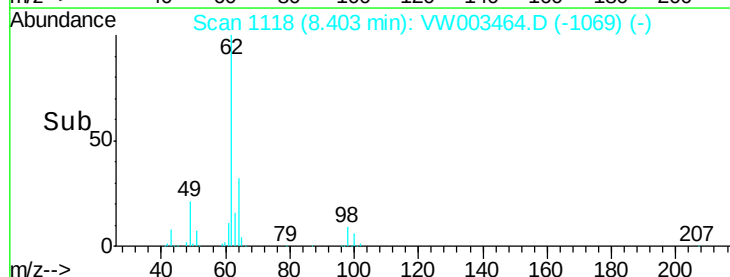
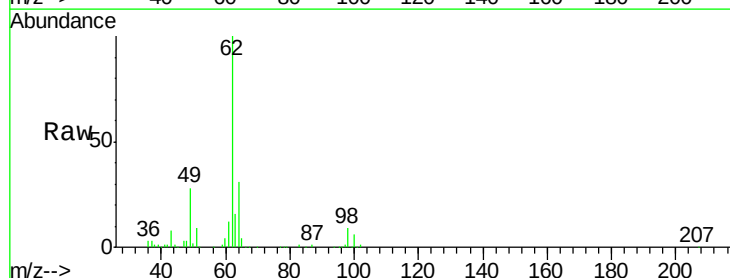
Manual Integrations
APPROVED

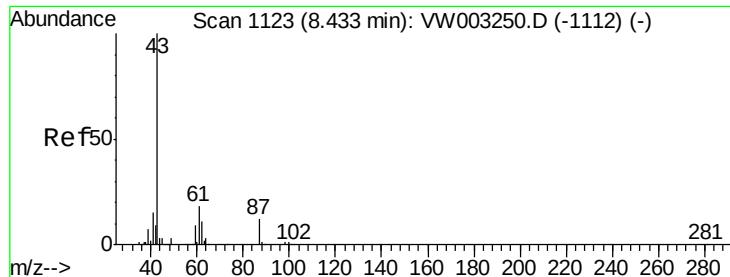
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#42
1,2-Dichloroethane
Concen: 47.93 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW003464.D
Acq: 23 Jun 2018 16:54

Tgt Ion	62	Resp	147271
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	17.2





#43

Isopropyl Acetate

Concen: 40.70 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VW003464.D

Acq: 23 Jun 2018 16:54

Instrument :

MSVOA_W

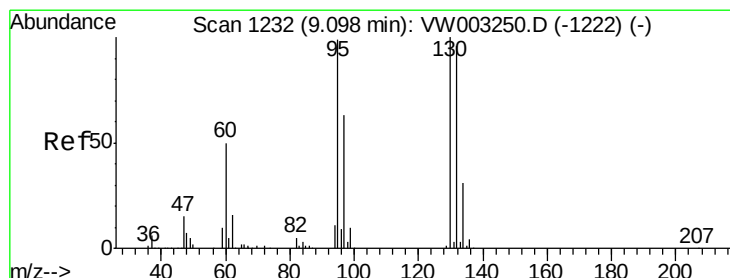
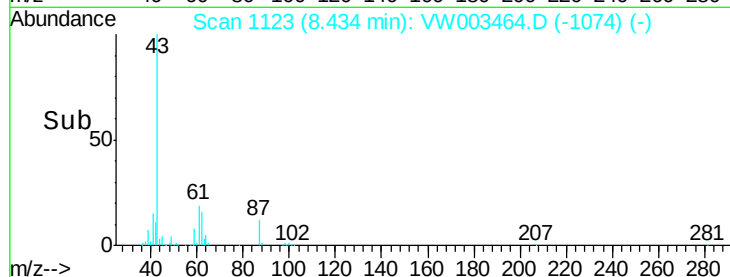
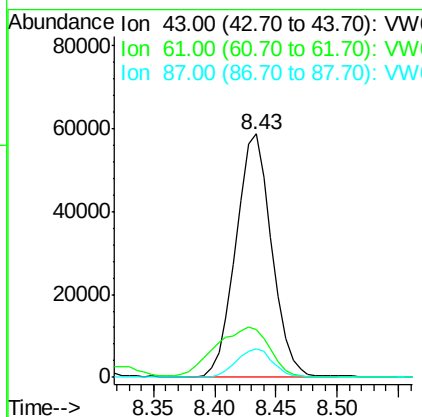
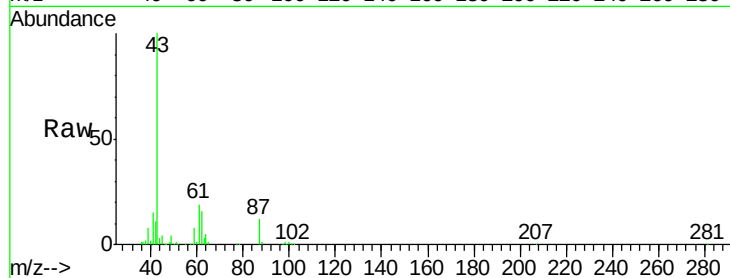
ClientSampleId :

WP021SB476-25-27-180619MS

Tot Ion:	43	Resp:	119109
Ion	Ratio	Lower	Upper
43	100		
61	31.5	23.1	34.7
87	12.0	9.8	14.6

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#44

Trichloroethene

Concen: 51.25 ug/l

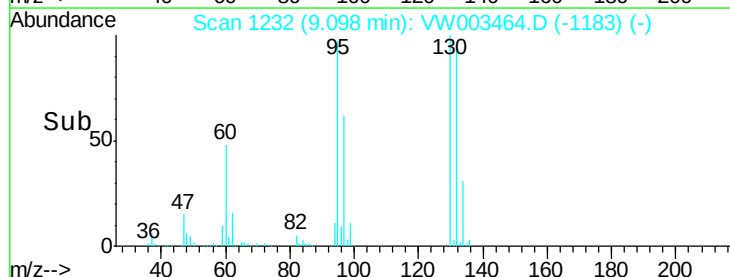
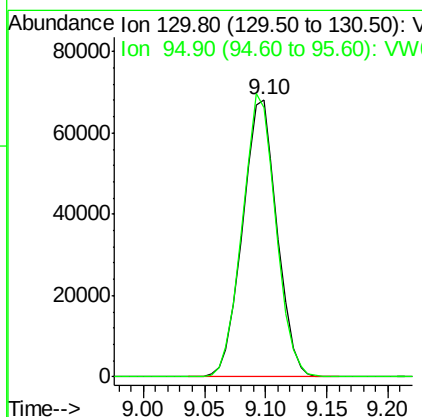
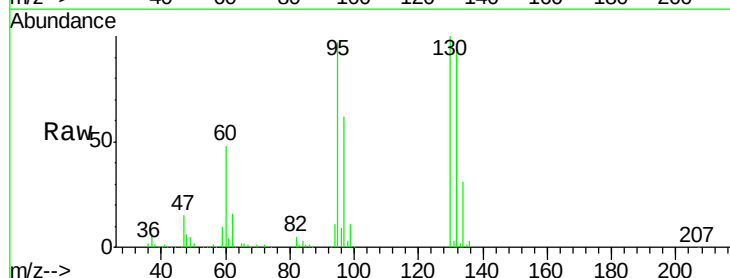
RT: 9.10 min Scan# 1232

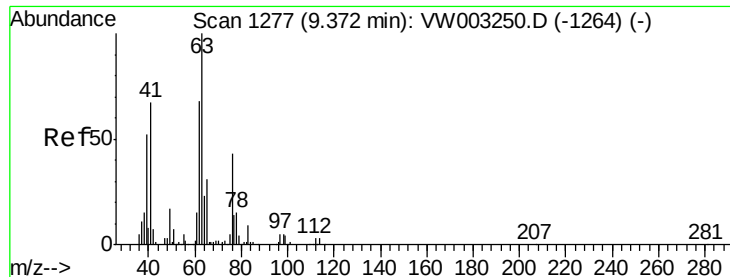
Delta R.T. 0.00 min

Lab File: VW003464.D

Acq: 23 Jun 2018 16:54

Tgt Ion:	130	Resp:	133189
Ion	Ratio	Lower	Upper
130	100		
95	96.9	0.0	198.0





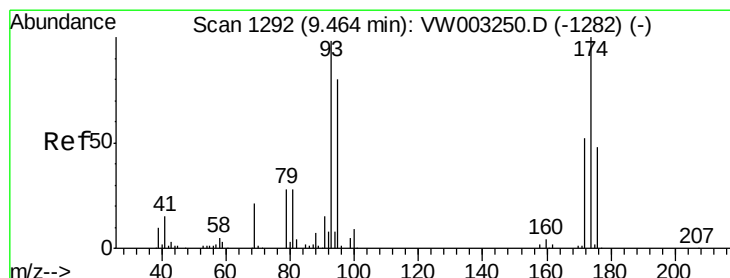
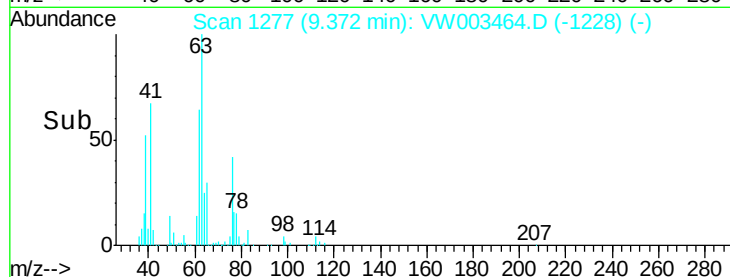
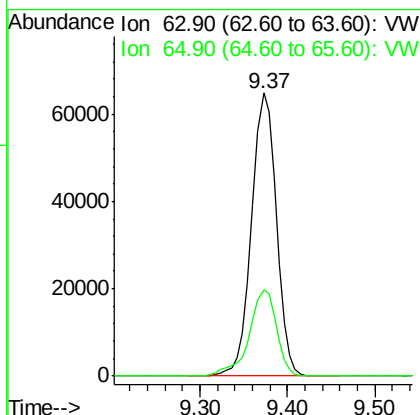
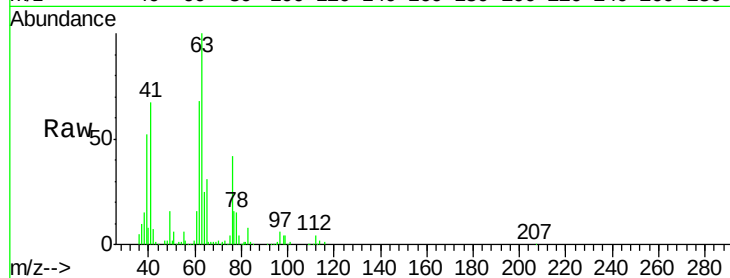
#45
 1,2-Dichloropropane
 Concen: 51.47 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW003464.D
 Acq: 23 Jun 2018 16:54

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB476-25-27-180619MS

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.5	25.1	37.7

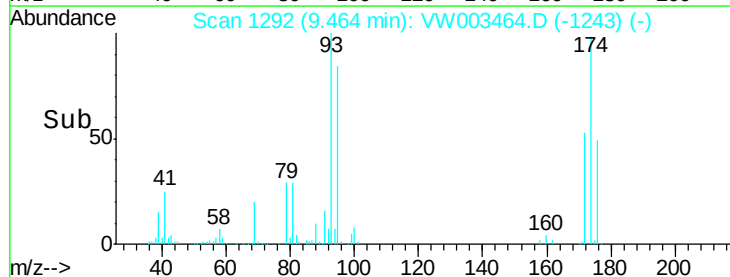
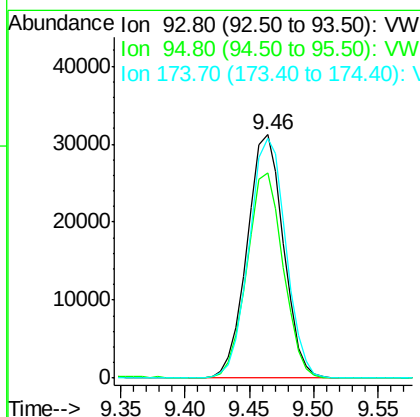
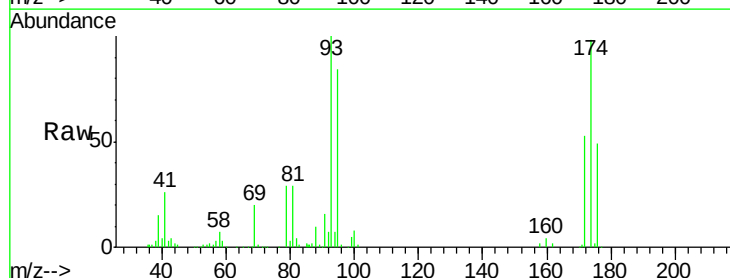
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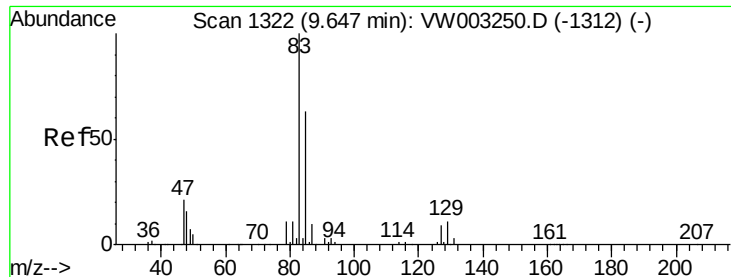
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#46
 Dibromomethane
 Concen: 47.47 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. 0.00 min
 Lab File: VW003464.D
 Acq: 23 Jun 2018 16:54

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.8	65.8	98.8
174	99.9	81.4	122.0





#47

Bromodichloromethane

Concen: 50.29 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW003464.D

Acq: 23 Jun 2018 16:54

Instrument :

MSVOA_W

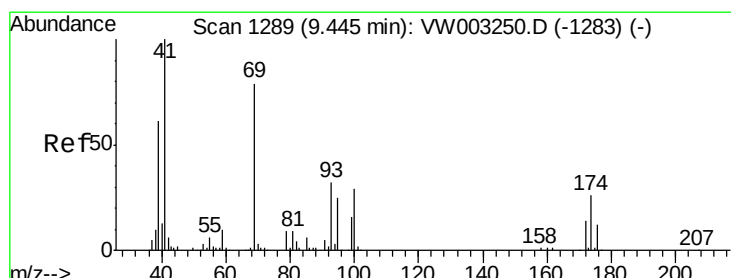
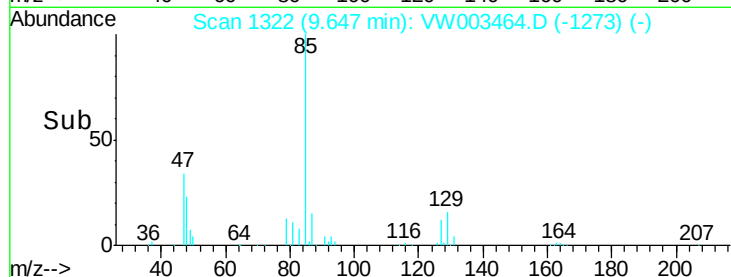
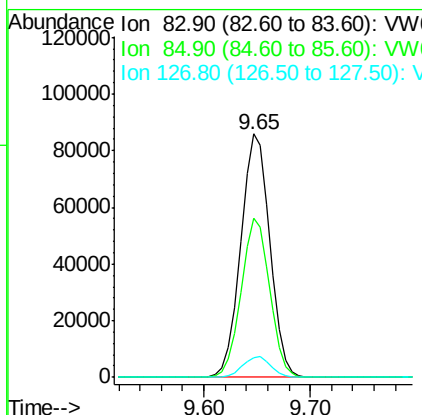
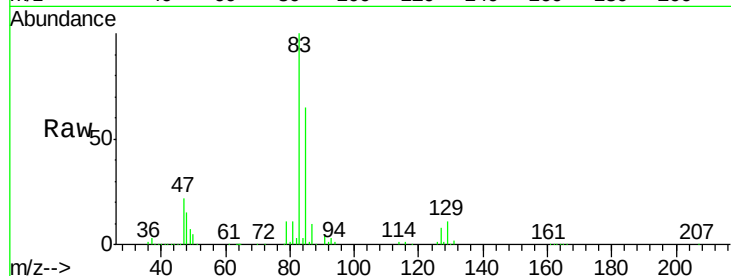
ClientSampleId :

WP021SB476-25-27-180619MS

Tot Ion:	83	Resp:	164803
Ion Ratio	Lower	Upper	
83	100		
85	65.3	50.6	75.8
127	8.1	6.8	10.2

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#48

Methyl methacrylate

Concen: 48.67 ug/l

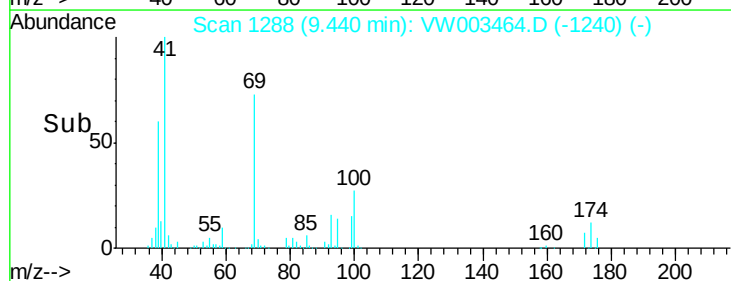
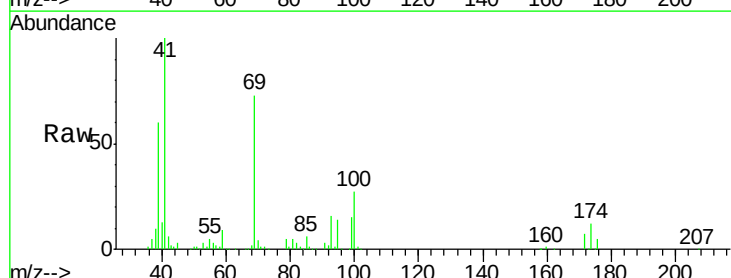
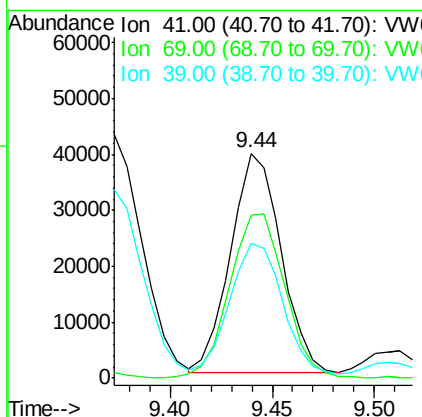
RT: 9.44 min Scan# 1288

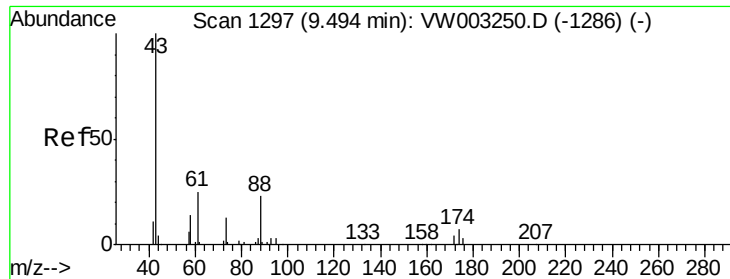
Delta R.T. -0.01 min

Lab File: VW003464.D

Acq: 23 Jun 2018 16:54

Tgt Ion:	41	Resp:	66950
Ion Ratio	Lower	Upper	
41	100		
69	81.9	65.4	98.2
39	66.6	54.2	81.2





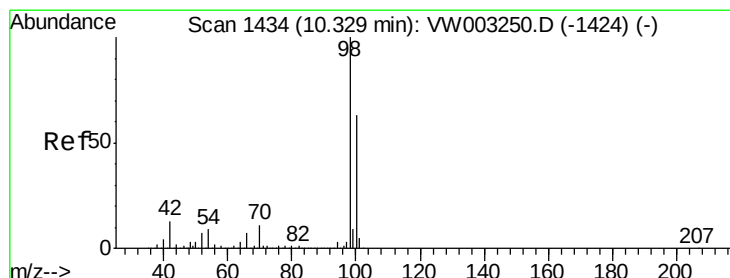
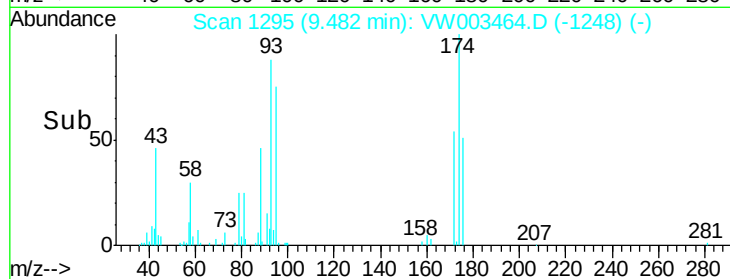
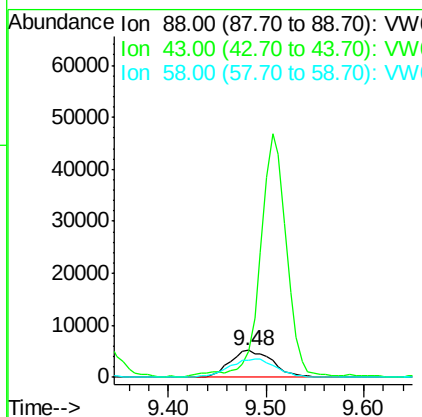
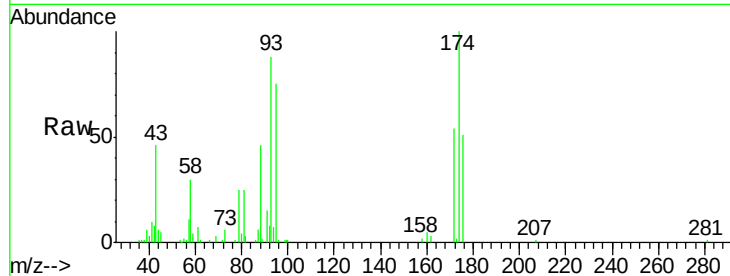
#49
1,4-Dioxane
Concen: 809.81 ug/l
RT: 9.48 min Scan# 1295
Delta R.T. -0.01 min
Lab File: VW003464.D
Acq: 23 Jun 2018 16:54

Instrument :
MSVOA_W
ClientSampleId :
WP021SB476-25-27-180619MS

Tot Ion	88	Resp	15632
Ion Ratio	Lower	Upper	
88	100		
43	0.0	454.7	682.1#
58	76.4	58.6	88.0

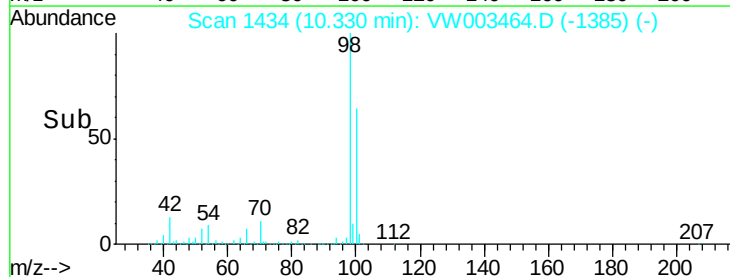
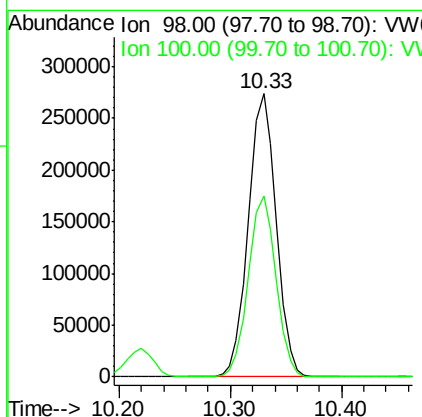
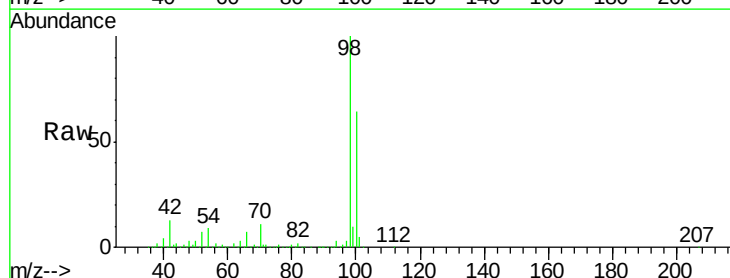
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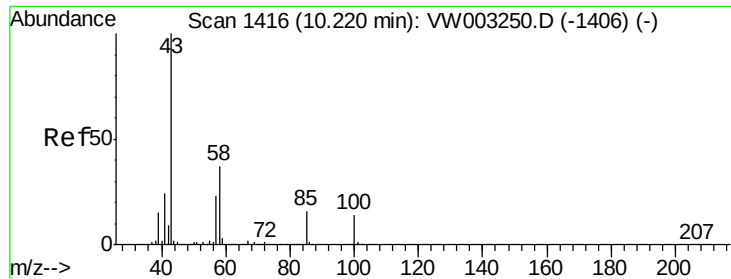
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#50
Toluene-d8
Concen: 52.61 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW003464.D
Acq: 23 Jun 2018 16:54

Tgt Ion	98	Resp	477578
Ion Ratio	Lower	Upper	
98	100		
100	63.4	50.8	76.2





#51

4-Methyl-2-Pentanone

Concen: 228.16 ug/l

RT: 10.22 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VW003464.D

Acq: 23 Jun 2018 16:54

Instrument :

MSVOA_W

ClientSampleId :

WP021SB476-25-27-180619MS

Tot Ion: 43 Resp: 340266

Ion Ratio Lower Upper

43 100

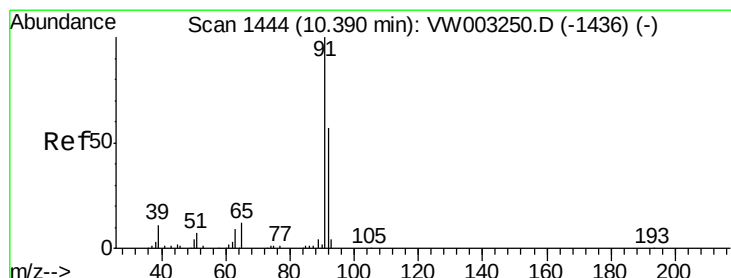
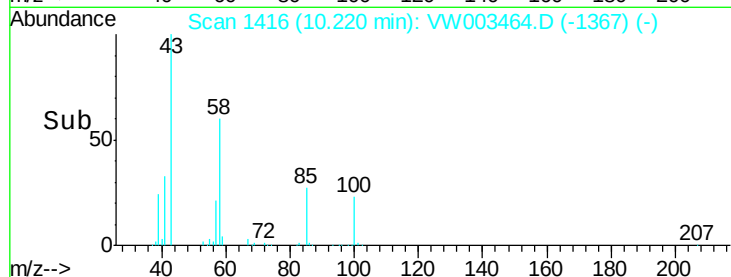
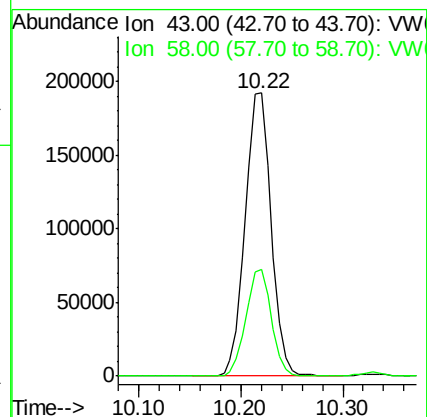
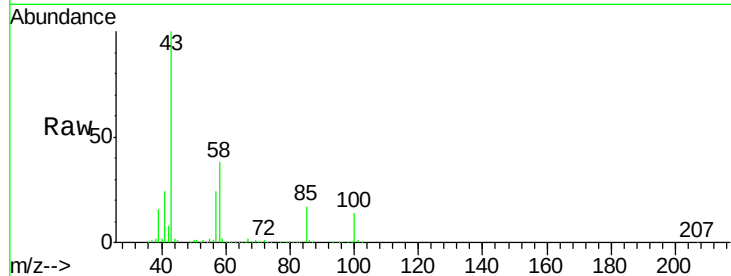
58 37.0 29.0 43.4

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#52

Toluene

Concen: 51.81 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW003464.D

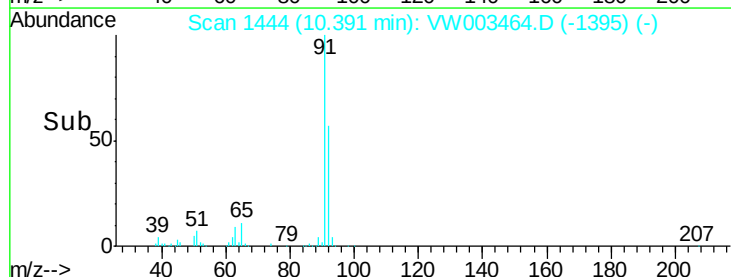
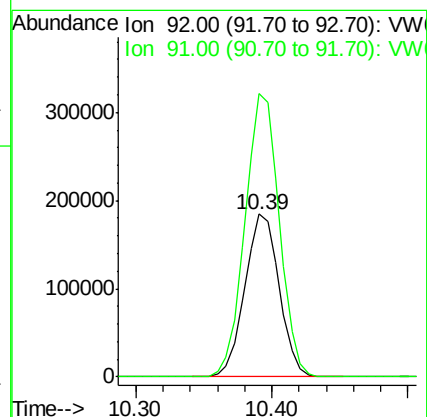
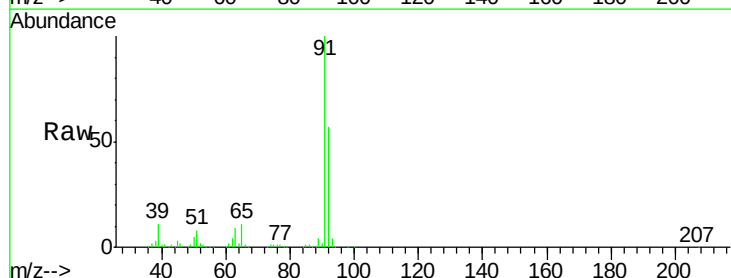
Acq: 23 Jun 2018 16:54

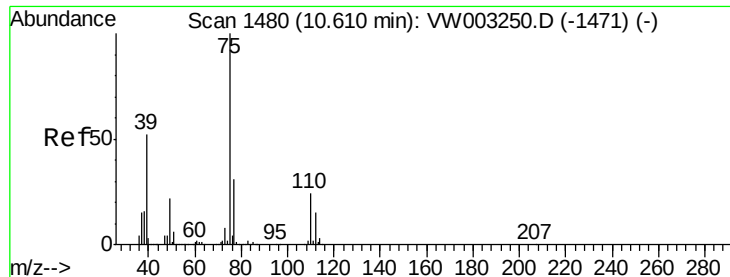
Tgt Ion: 92 Resp: 325840

Ion Ratio Lower Upper

92 100

91 174.0 141.1 211.7





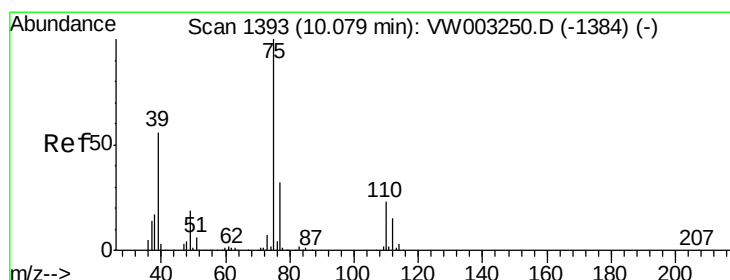
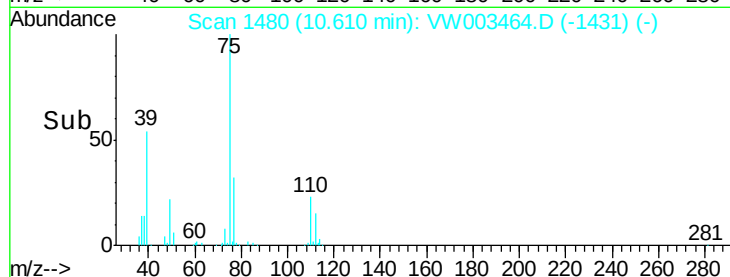
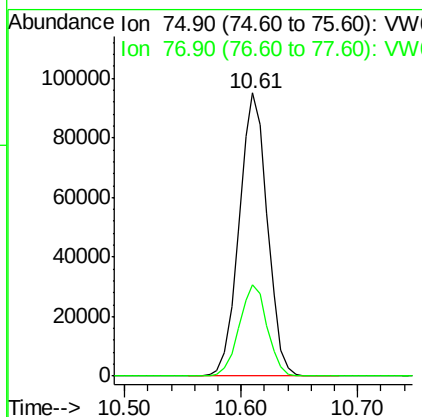
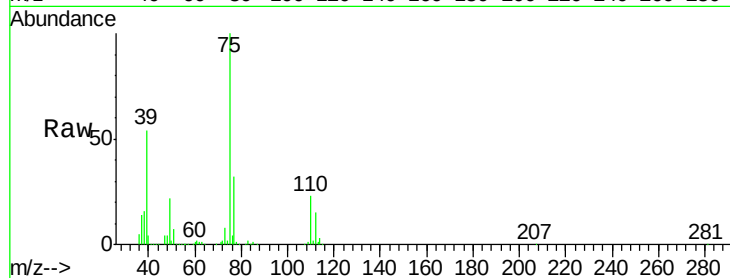
#53
 t-1,3-Dichloropropene
 Concen: 47.85 ug/l
 RT: 10.61 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: VW003464.D
 Acq: 23 Jun 2018 16:54

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB476-25-27-180619MS

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.0	24.9	37.3

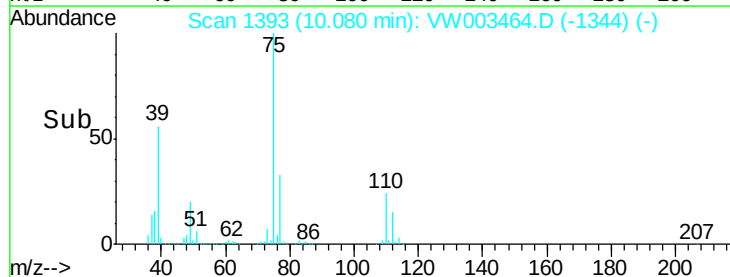
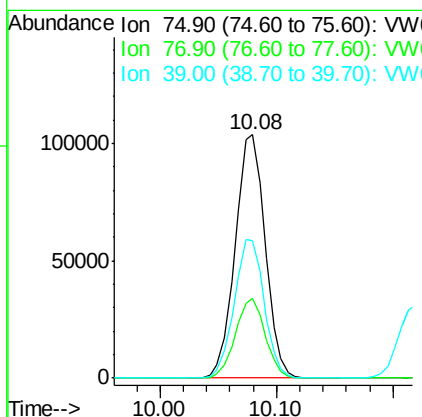
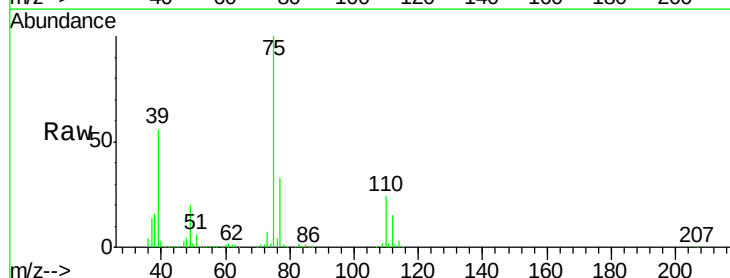
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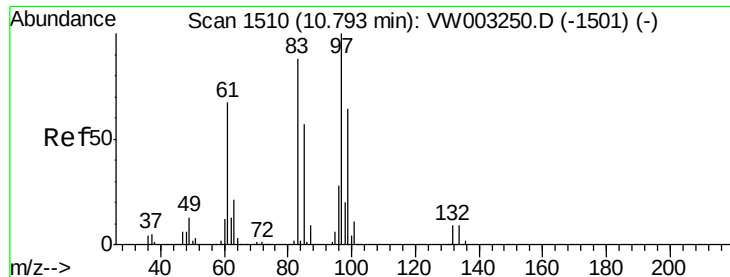
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#54
 cis-1,3-Dichloropropene
 Concen: 49.07 ug/l
 RT: 10.08 min Scan# 1393
 Delta R.T. 0.00 min
 Lab File: VW003464.D
 Acq: 23 Jun 2018 16:54

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.9	25.8	38.6
39	56.1	45.2	67.8





#55

1,1,2-Trichloroethane

Concen: 47.58 ug/l

RT: 10.79 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VW003464.D

Acq: 23 Jun 2018 16:54

Instrument :

MSVOA_W

ClientSampleId :

WP021SB476-25-27-180619MS

Tot Ion: 97 Resp: 85718

Ion Ratio Lower Upper

97 100

83 87.7 70.2 105.2

85 55.5 45.6 68.4

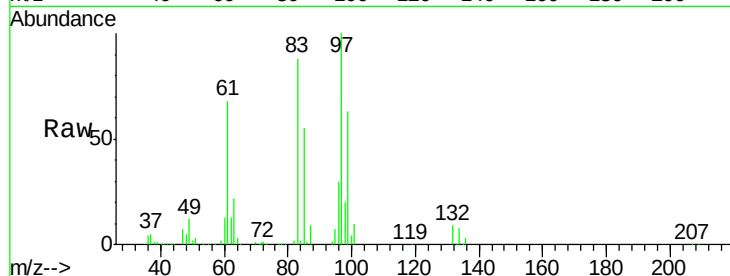
99 63.3 51.2 76.8

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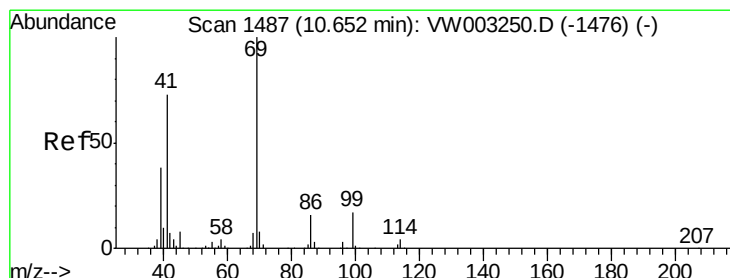
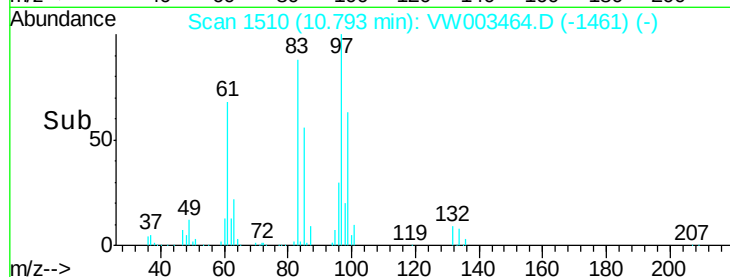
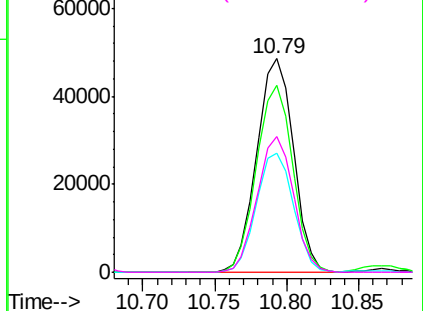


Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 42.91 ug/l

RT: 10.65 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW003464.D

Acq: 23 Jun 2018 16:54

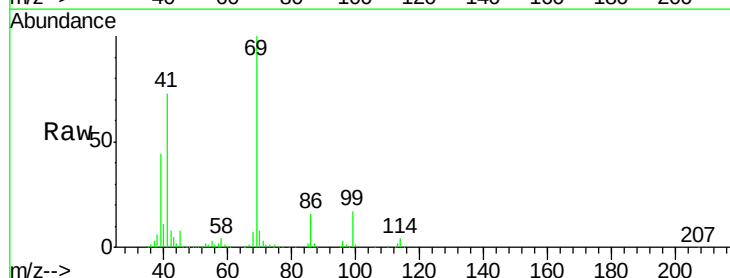
Tgt Ion: 69 Resp: 93876

Ion Ratio Lower Upper

69 100

41 74.2 57.8 86.6

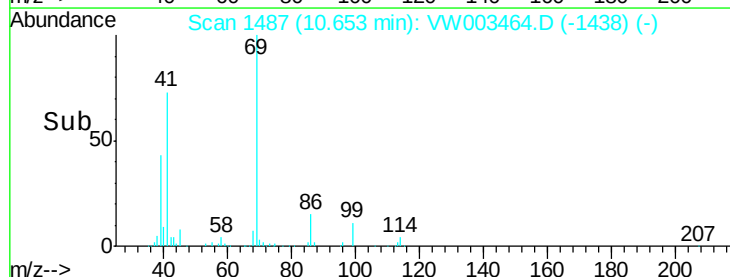
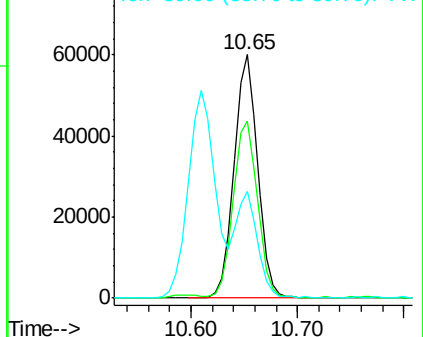
39 39.6 32.7 49.1

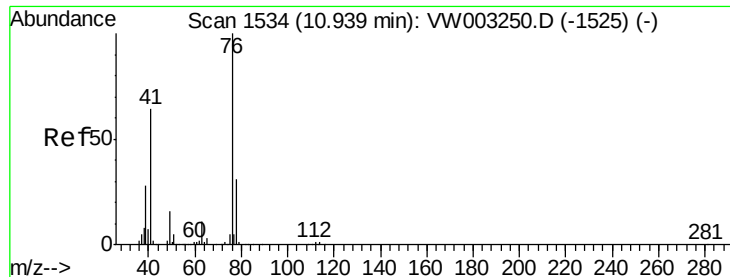


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW





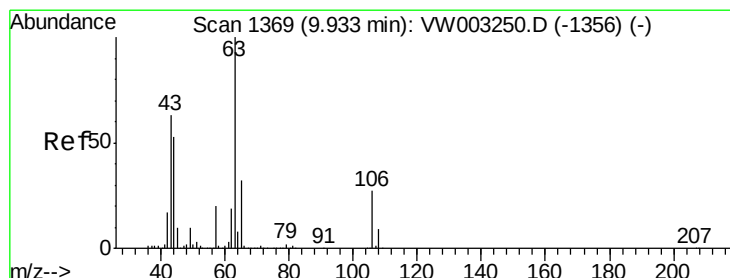
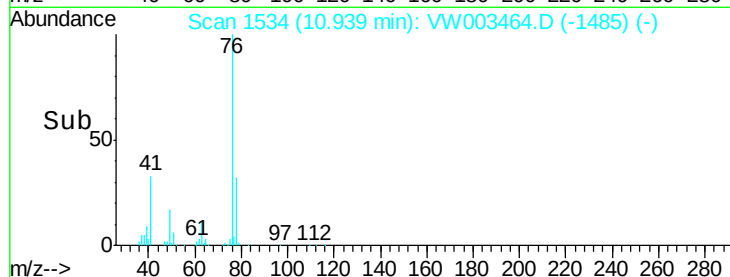
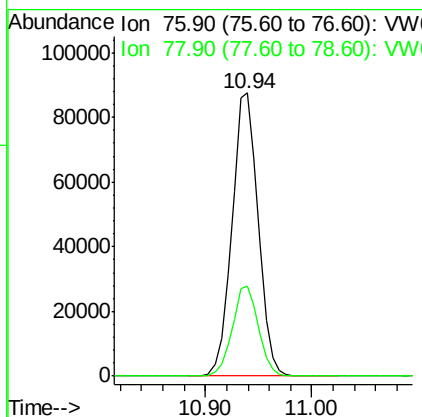
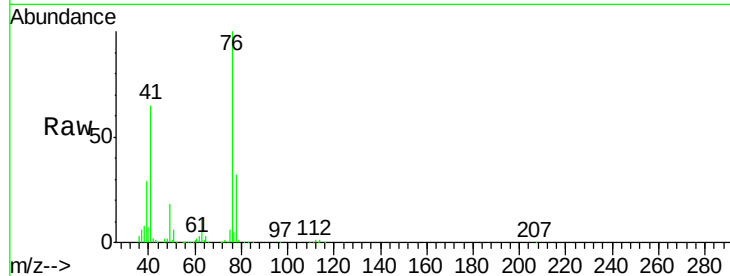
#57
 1,3-Dichloropropane
 Concen: 48.54 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VW003464.D
 Acq: 23 Jun 2018 16:54

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB476-25-27-180619MS

Tot Ion: 76 Resp: 150805
 Ion Ratio Lower Upper
 76 100
 78 31.6 25.7 38.5

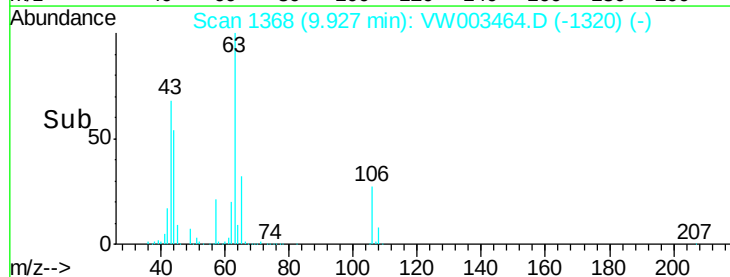
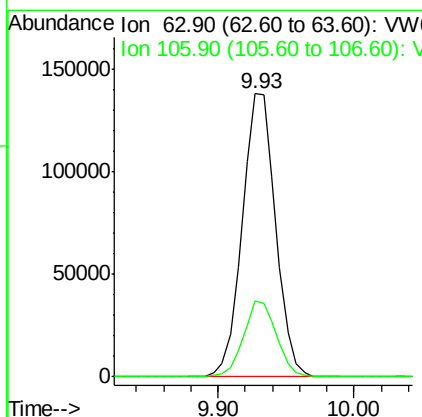
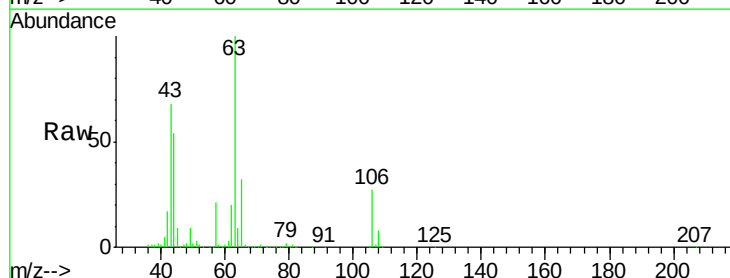
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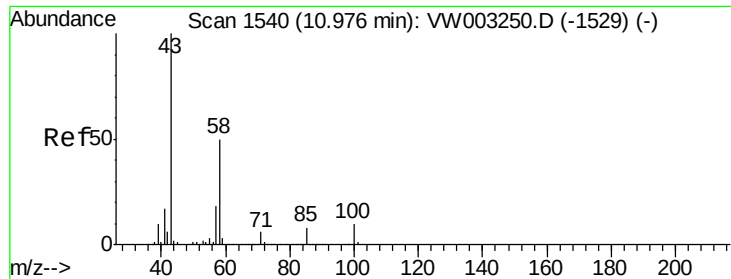
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#58
 2-Chloroethyl Vinyl ether
 Concen: 240.71 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: VW003464.D
 Acq: 23 Jun 2018 16:54

Tgt Ion: 63 Resp: 236063
 Ion Ratio Lower Upper
 63 100
 106 26.5 21.8 32.8





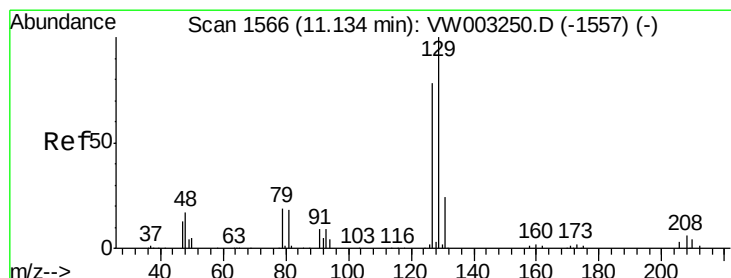
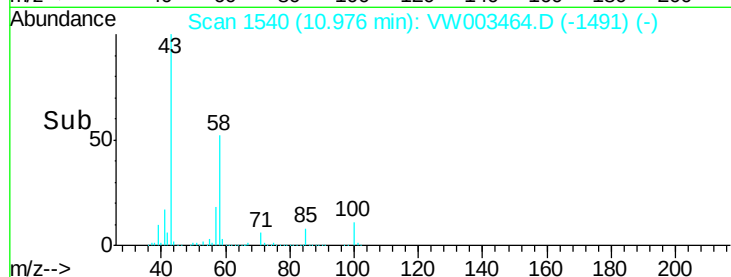
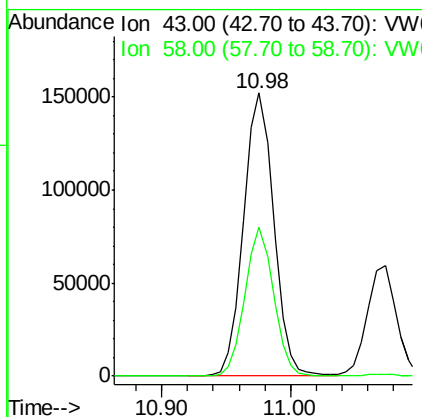
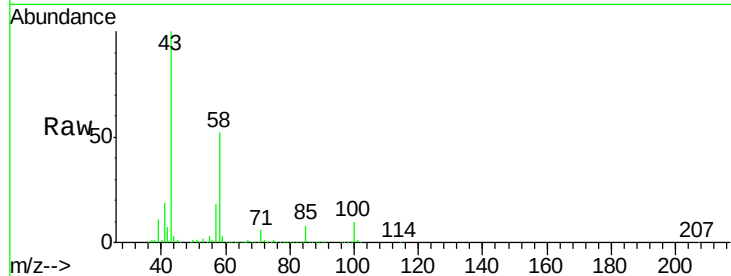
#59
2-Hexanone
Concen: 236.41 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW003464.D
Acq: 23 Jun 2018 16:54

Instrument :
MSVOA_W
ClientSampleId :
WP021SB476-25-27-180619MS

Tot Ion: 43 Resp: 246302
Ion Ratio Lower Upper
43 100
58 49.9 25.0 75.0

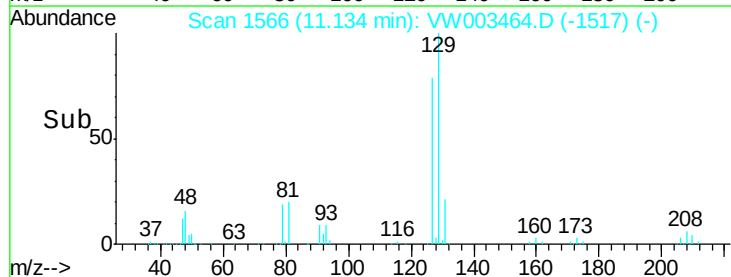
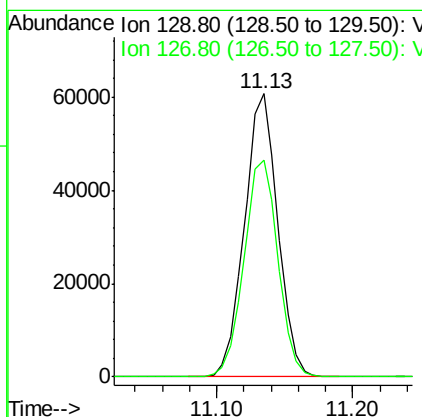
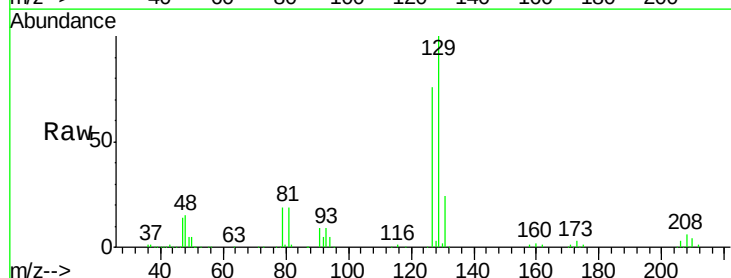
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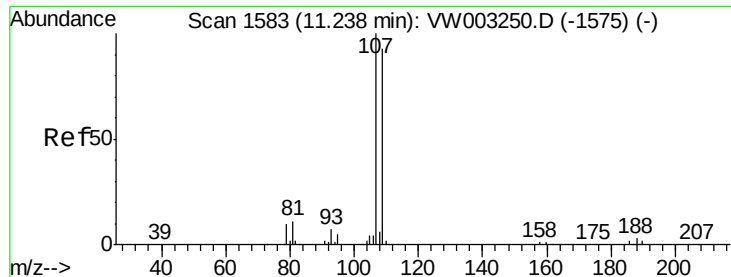
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#60
Dibromochloromethane
Concen: 48.72 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW003464.D
Acq: 23 Jun 2018 16:54

Tgt Ion: 129 Resp: 104370
Ion Ratio Lower Upper
129 100
127 77.7 39.1 117.5





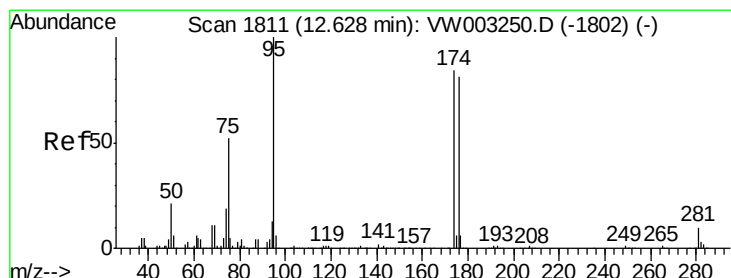
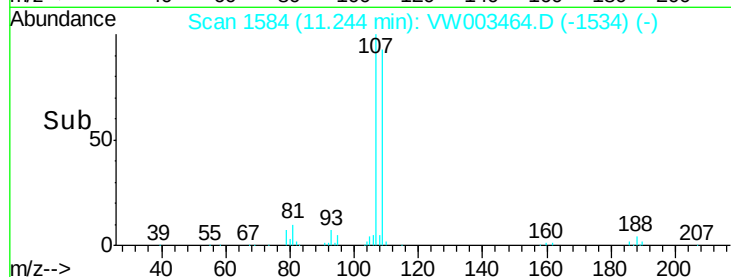
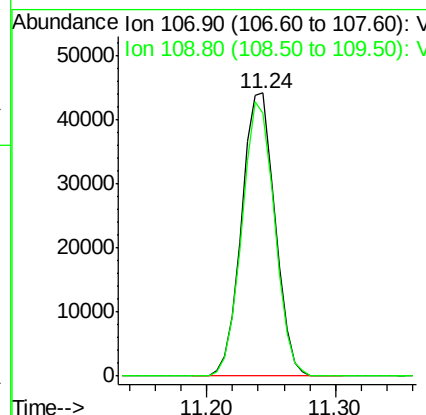
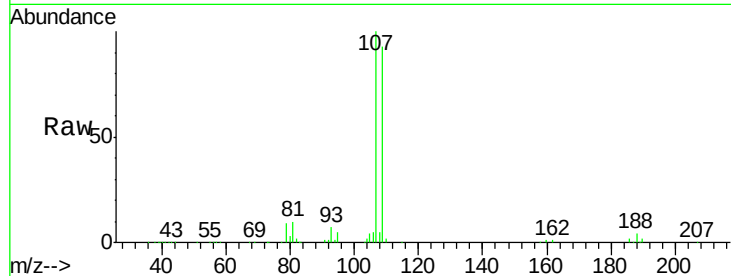
#61
 1,2-Dibromoethane
 Concen: 46.48 ug/l
 RT: 11.24 min Scan# 1584
 Delta R.T. 0.01 min
 Lab File: VW003464.D
 Acq: 23 Jun 2018 16:54

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB476-25-27-180619MS

Tot Ion: 107 Resp: 79211
 Ion Ratio Lower Upper
 107 100
 109 94.7 75.8 113.6

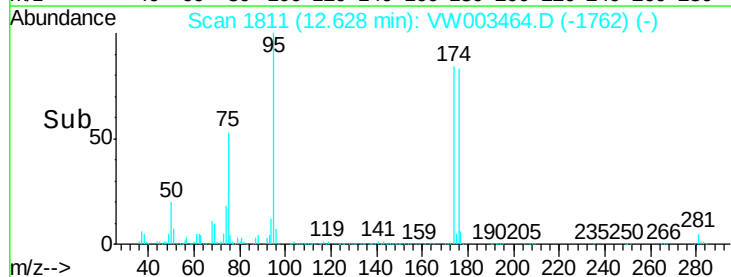
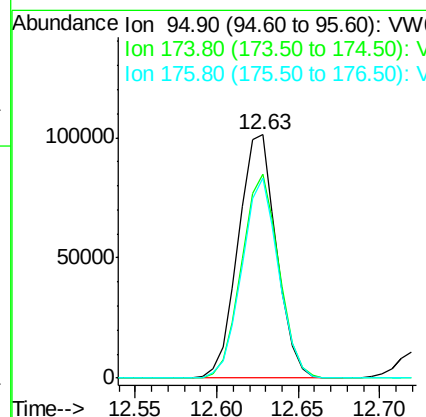
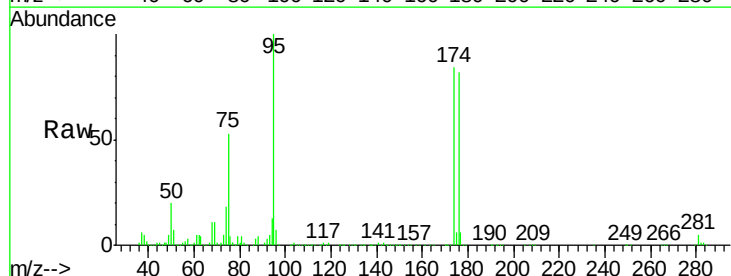
Manual Integrations
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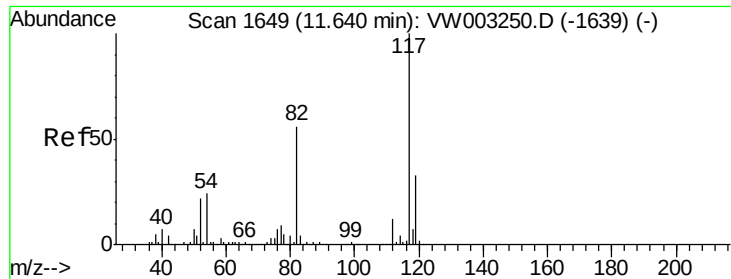
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#62
 4-Bromofluorobenzene
 Concen: 51.06 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW003464.D
 Acq: 23 Jun 2018 16:54

Tgt Ion: 95 Resp: 164039
 Ion Ratio Lower Upper
 95 100
 174 82.5 0.0 166.4
 176 79.6 0.0 162.0





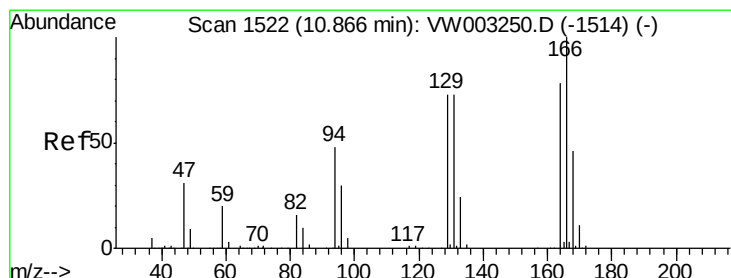
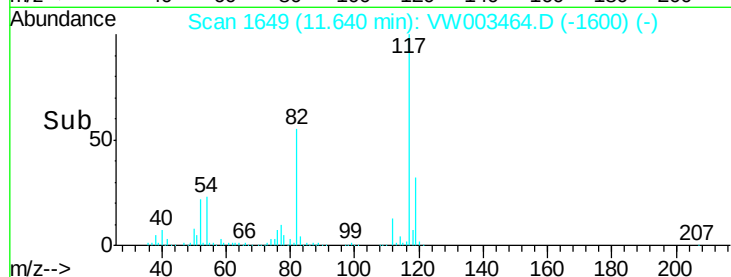
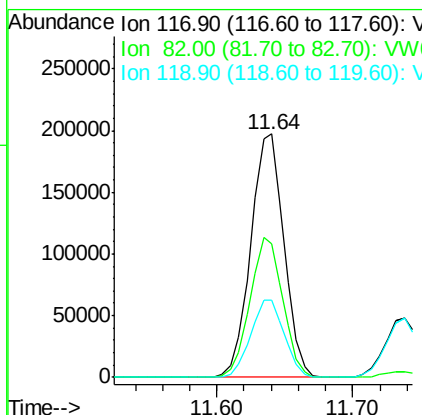
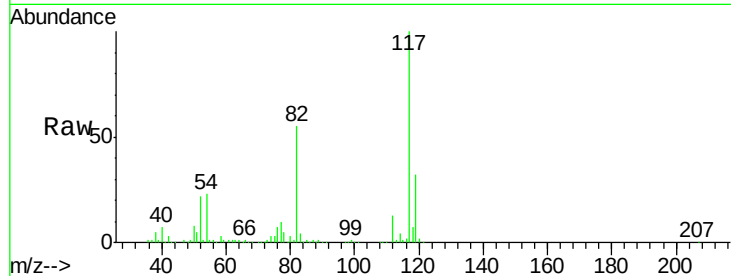
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VW003464.D
Acq: 23 Jun 2018 16:54

Instrument :
MSVOA_W
ClientSampleId :
WP021SB476-25-27-180619MS

Tot Ion	Ratio	Resp	Lower	Upper
117	100	337516		
82	54.7		44.6	67.0
119	32.0		26.7	40.1

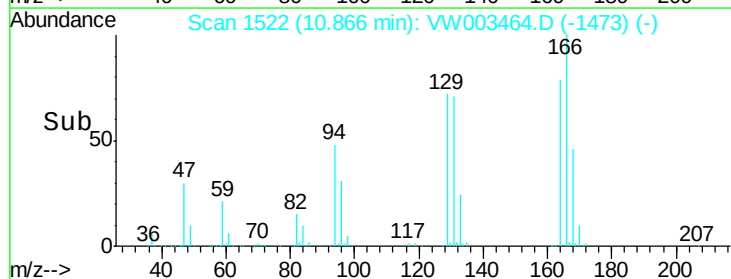
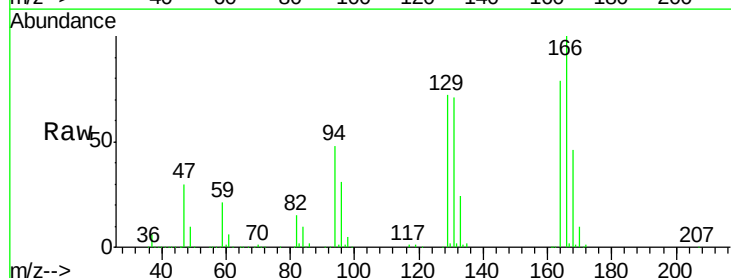
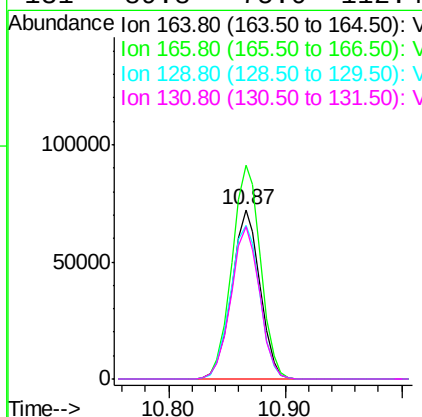
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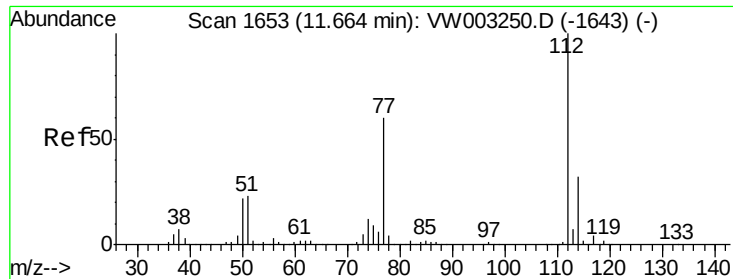
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#64
Tetrachloroethene
Concen: 53.90 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003464.D
Acq: 23 Jun 2018 16:54

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	121678		
166	126.2		102.6	154.0
129	90.8		75.2	112.8
131	89.8		75.0	112.4





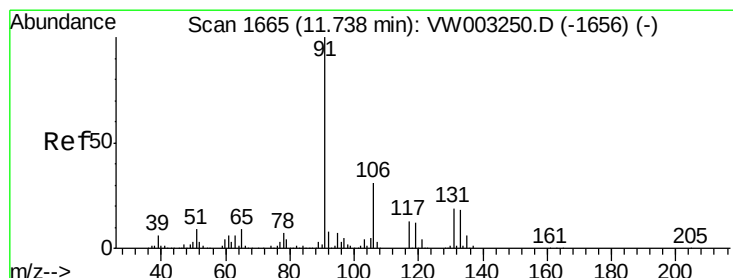
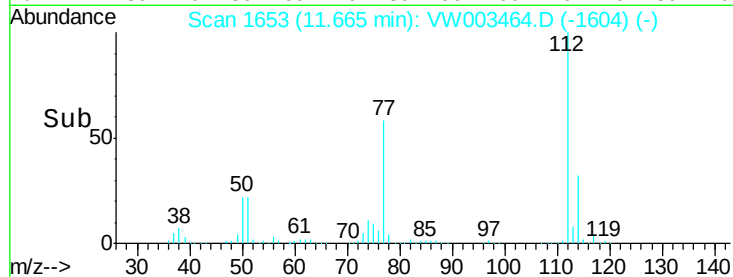
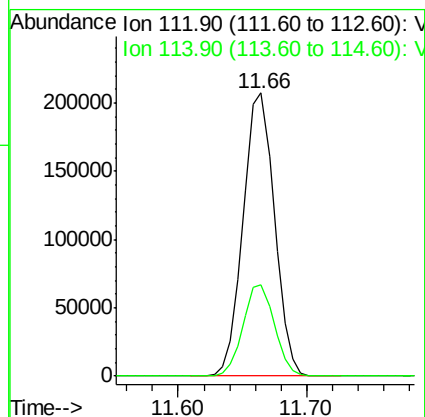
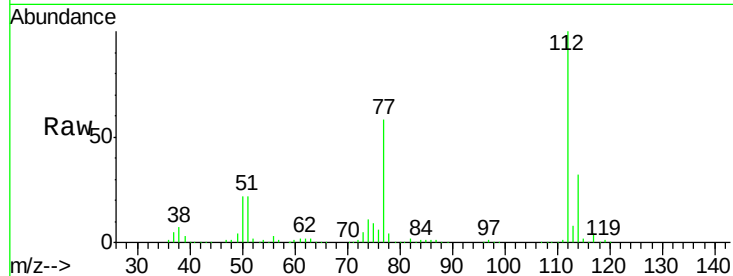
#65
Chlorobenzene
Concen: 49.66 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VW003464.D
Acq: 23 Jun 2018 16:54

Instrument :
MSVOA_W
ClientSampleId :
WP021SB476-25-27-180619MS

Tot Ion:112 Resp: 349017
Ion Ratio Lower Upper
112 100
114 32.5 25.9 38.9

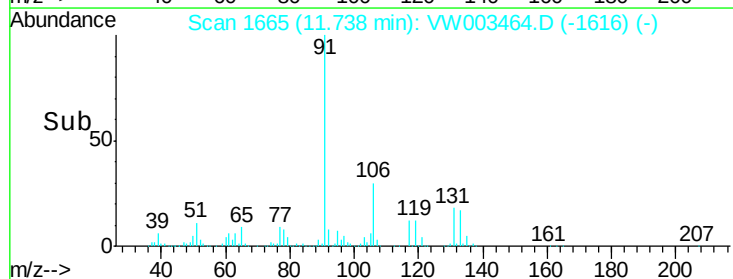
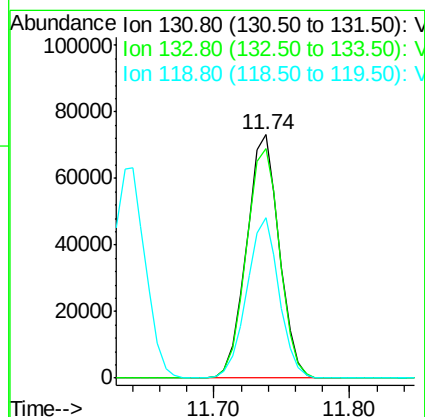
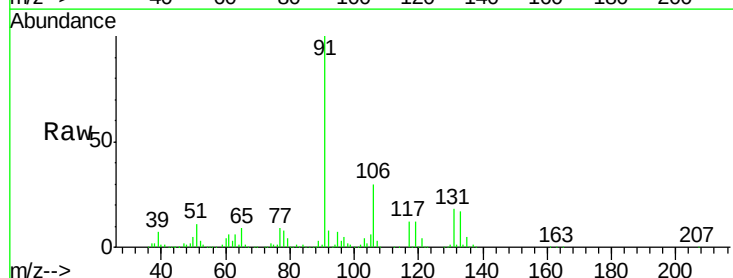
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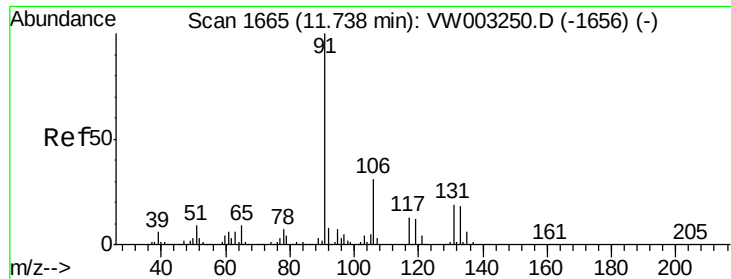
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.75 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003464.D
Acq: 23 Jun 2018 16:54

Tgt Ion:131 Resp: 122872
Ion Ratio Lower Upper
131 100
133 96.6 47.3 142.0
119 65.2 32.5 97.4





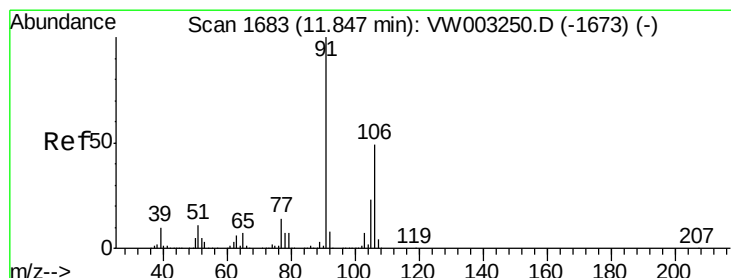
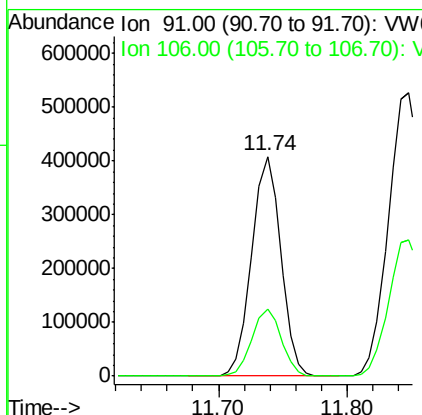
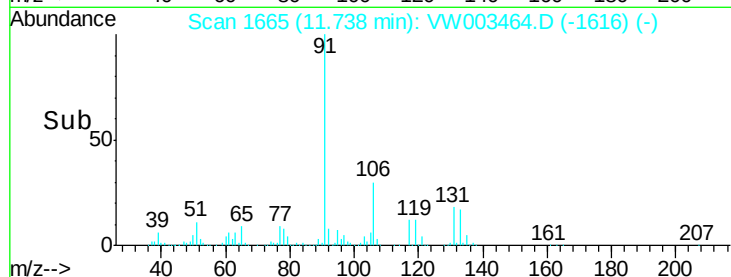
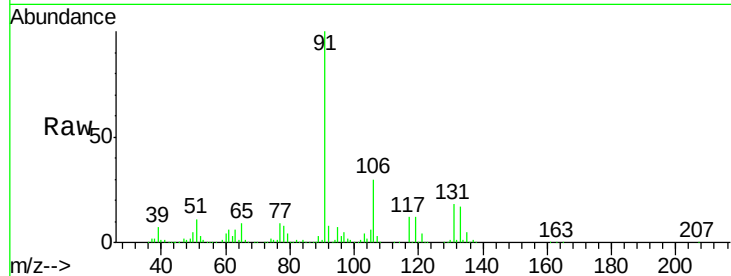
#67
Ethyl Benzene
Concen: 51.21 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003464.D
Acq: 23 Jun 2018 16:54

Instrument :
MSVOA_W
ClientSampleId :
WP021SB476-25-27-180619MS

Tot Ion: 91 Resp: 638003
Ion Ratio Lower Upper
91 100
106 30.4 24.7 37.1

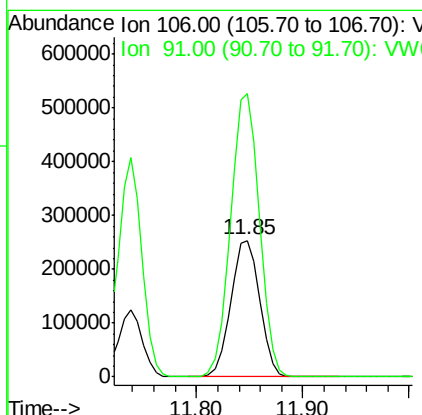
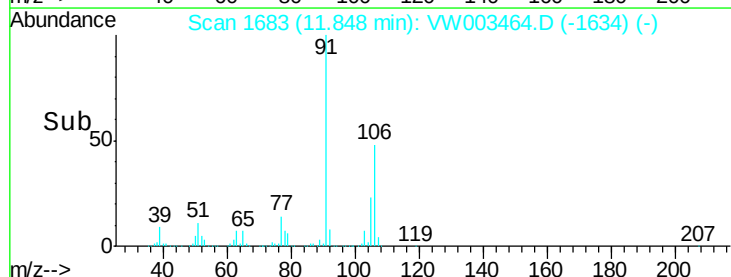
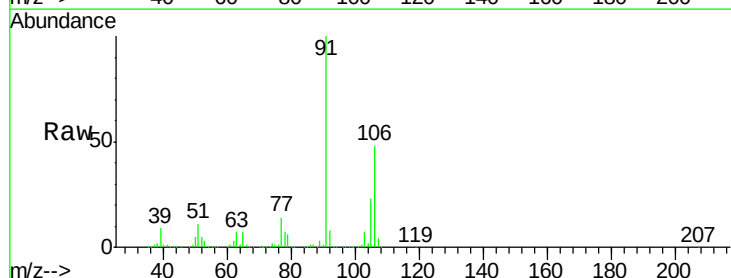
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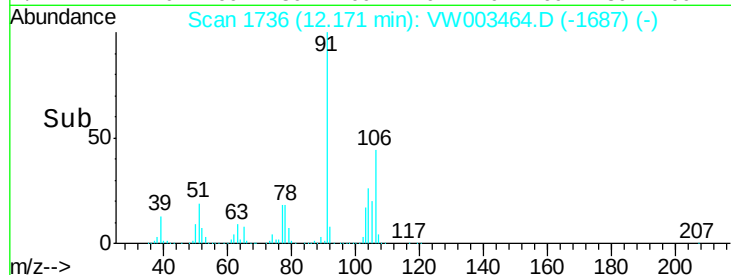
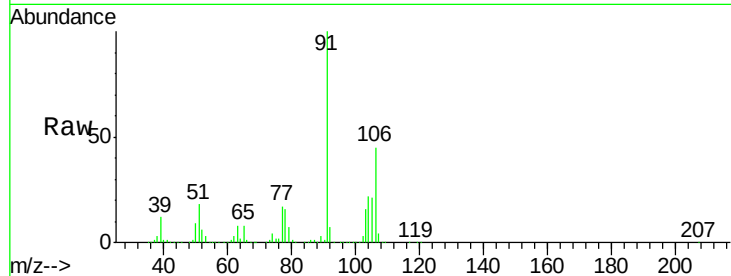
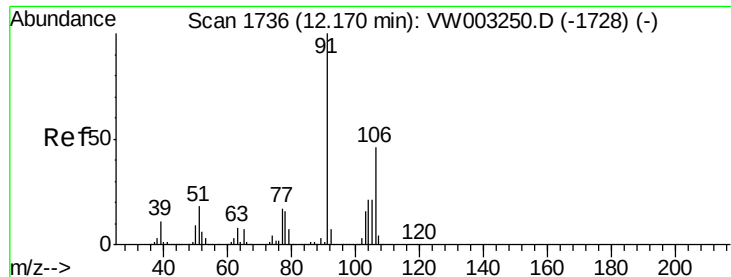
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#68
m/p-Xylenes
Concen: 102.02 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW003464.D
Acq: 23 Jun 2018 16:54

Tgt Ion: 106 Resp: 483194
Ion Ratio Lower Upper
106 100
91 206.5 165.4 248.0





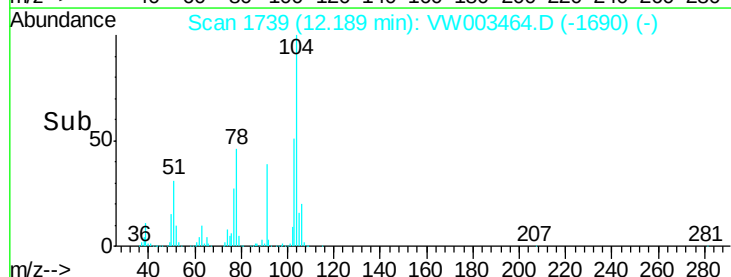
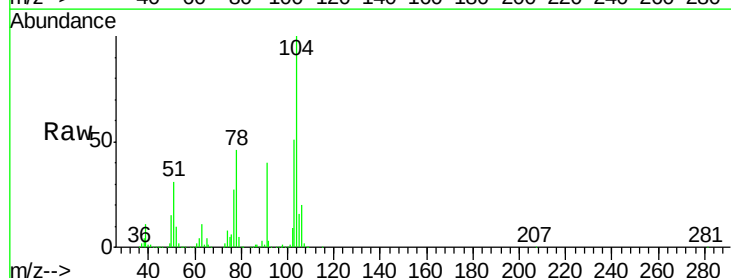
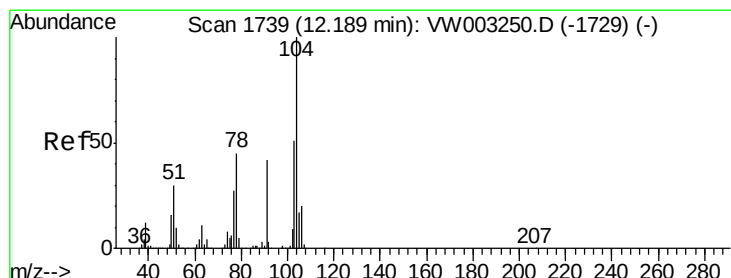
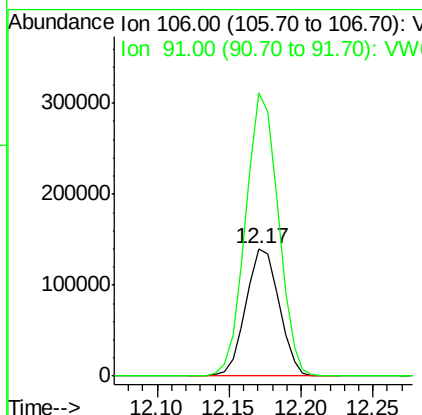
#69
o-Xylene
Concen: 51.35 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003464.D
Acq: 23 Jun 2018 16:54

Tot Ion	Ratio	Resp	Lower	Upper
106	100	225390		
91	217.5	108.6	325.6	

Instrument :
MSVOA_W
ClientSampleId :
WP021SB476-25-27-180619MS

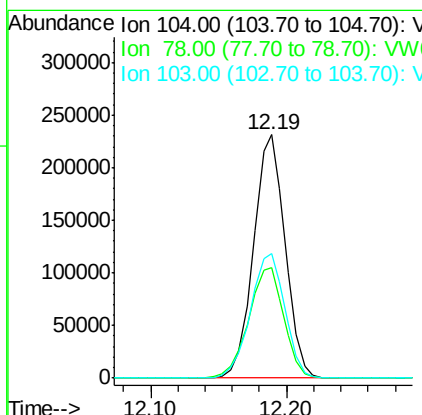
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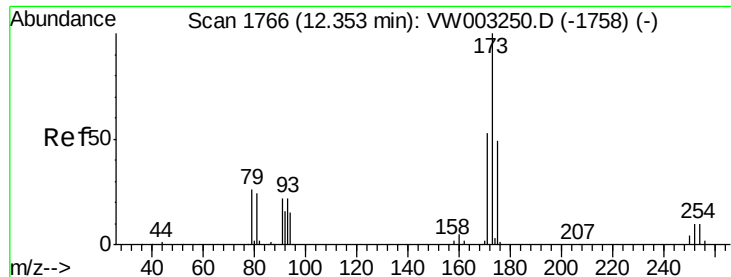
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#70
Styrene
Concen: 51.46 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW003464.D
Acq: 23 Jun 2018 16:54

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	375927		
78	50.8	41.3	61.9	
103	56.0	45.0	67.4	





#71

Bromoform

Concen: 46.28 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW003464.D

Acq: 23 Jun 2018 16:54

Instrument :

MSVOA_W

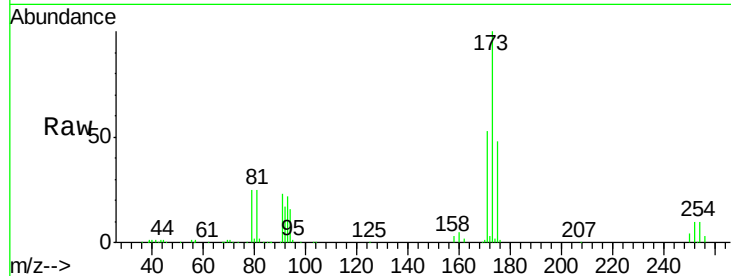
ClientSampleId :

WP021SB476-25-27-180619MS

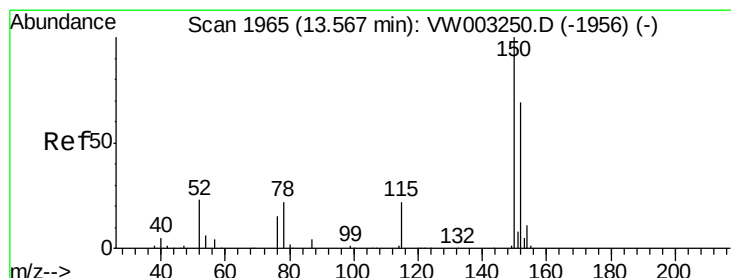
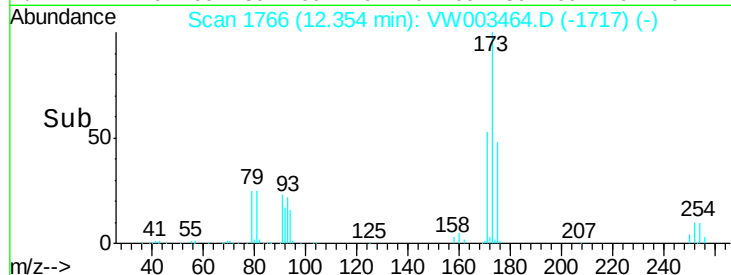
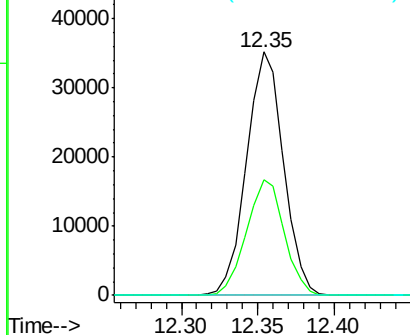
Tot Ion:173 Resp: 59247
 Ion Ratio Lower Upper
 173 100
 175 48.5 24.4 73.4
 254 0.0 0.1 0.1#

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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

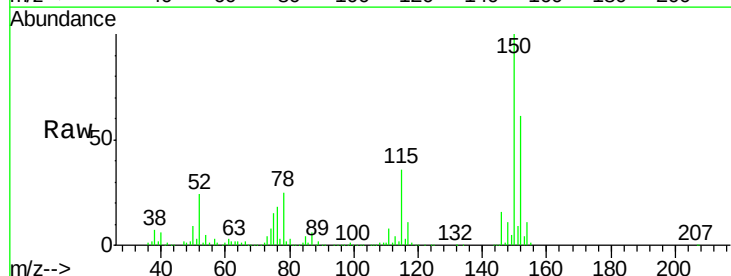
RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

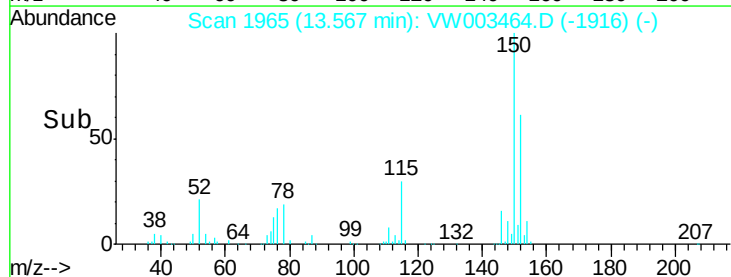
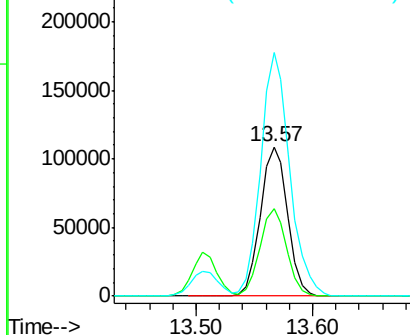
Lab File: VW003464.D

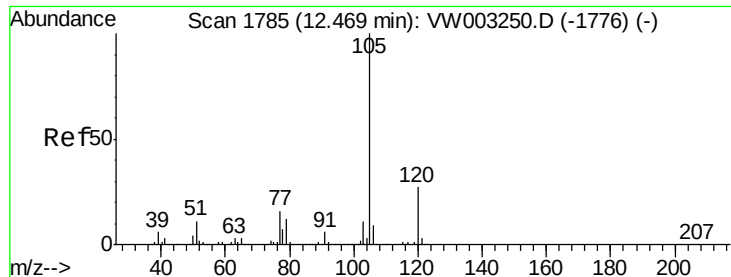
Acq: 23 Jun 2018 16:54

Tgt Ion:152 Resp: 176564
 Ion Ratio Lower Upper
 152 100
 115 57.5 29.3 88.0
 150 173.7 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: 51.93 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW003464.D

Acq: 23 Jun 2018 16:54

Instrument :

MSVOA_W

ClientSampleId :

WP021SB476-25-27-180619MS

Tot Ion: 105 Resp: 637747

Ion Ratio Lower Upper

105 100

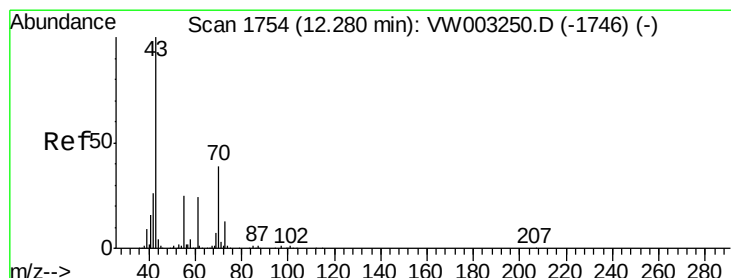
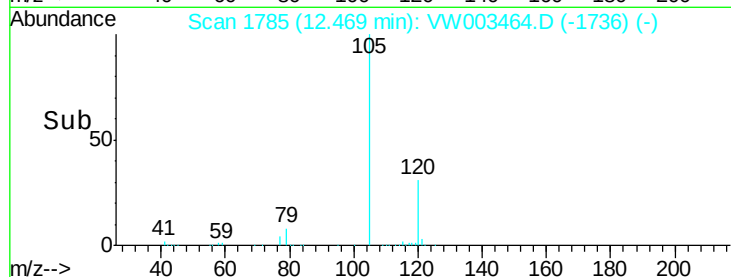
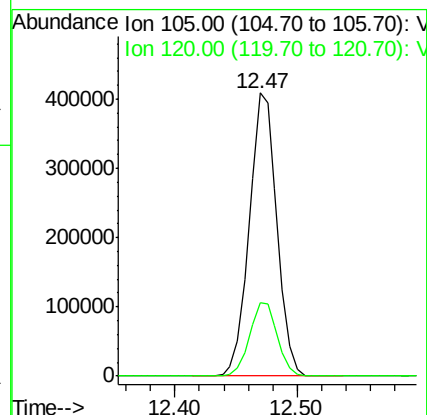
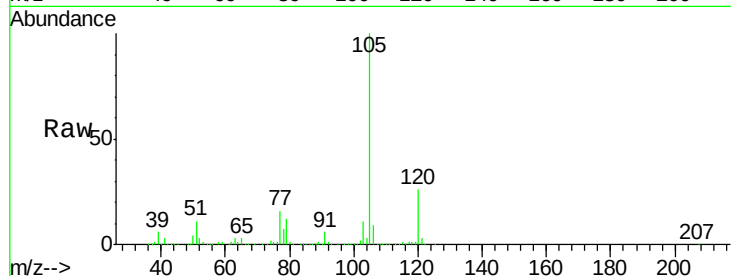
120 26.4 13.2 39.6

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#74

N-ethyl acetate

Concen: 35.71 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW003464.D

Acq: 23 Jun 2018 16:54

Tgt Ion: 43 Resp: 99808

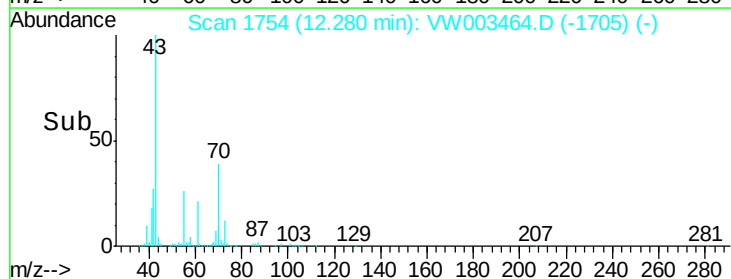
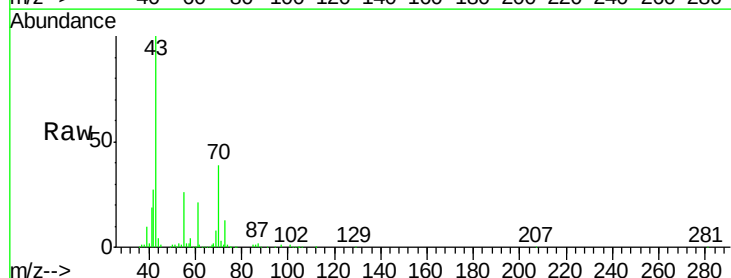
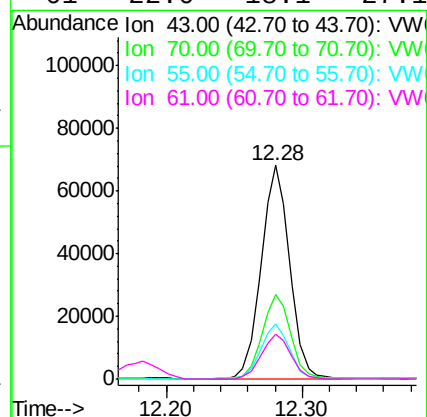
Ion Ratio Lower Upper

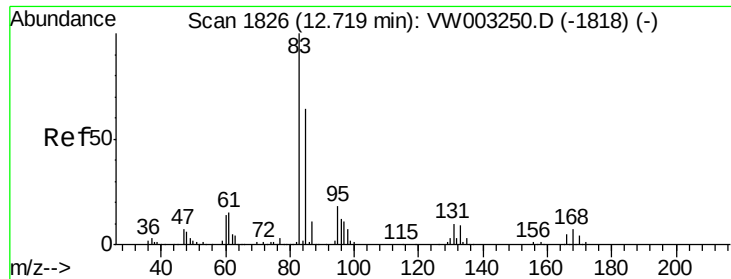
43 100

70 39.5 31.0 46.6

55 26.3 19.7 29.5

61 22.0 18.1 27.1





#75

1,1,2,2-Tetrachloroethane

Concen: 47.37 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW003464.D

Acq: 23 Jun 2018 16:54

Instrument :

MSVOA_W

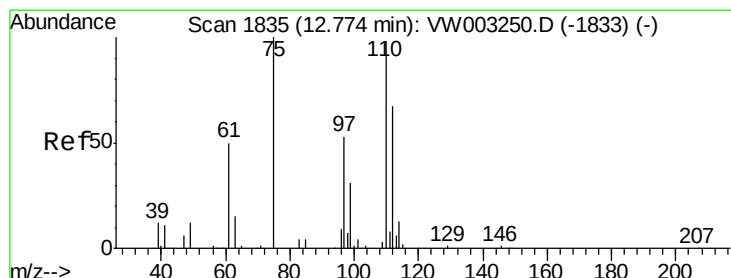
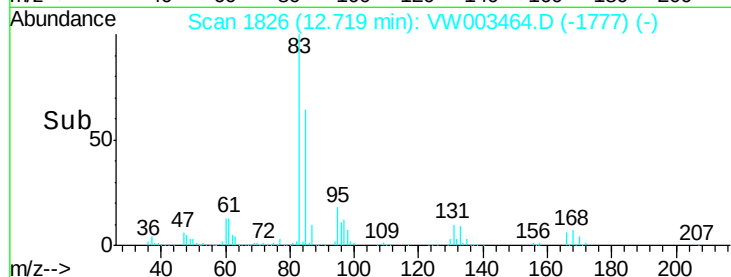
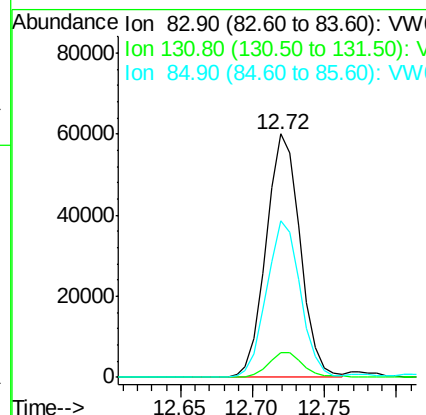
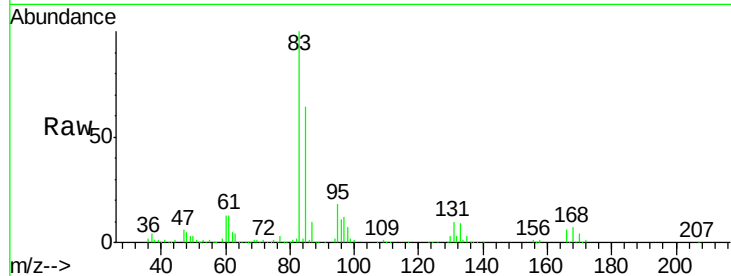
ClientSampleId :

WP021SB476-25-27-180619MS

Tot Ion:	83	Resp:	98428
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.4	16.2
85	63.8	31.9	95.7

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#76

1,2,3-Trichloropropane

Concen: 44.92 ug/l m

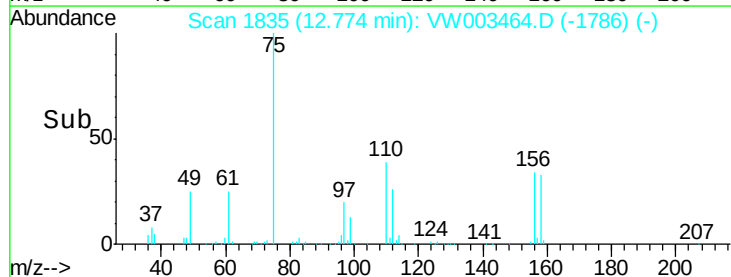
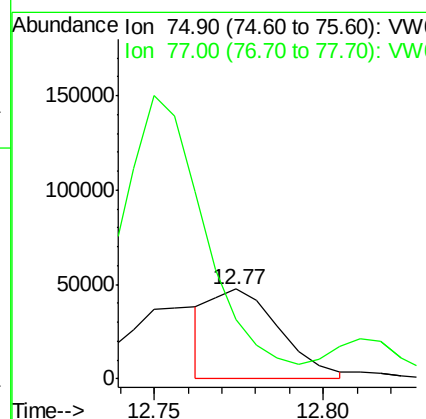
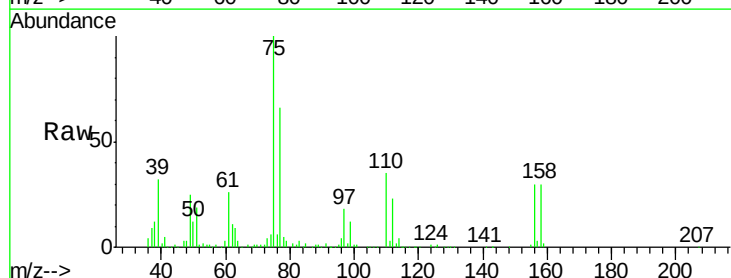
RT: 12.77 min Scan# 1835

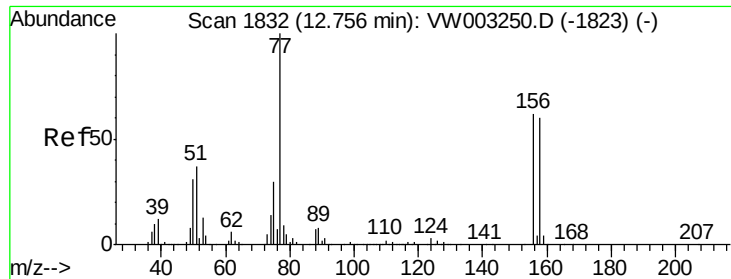
Delta R.T. 0.00 min

Lab File: VW003464.D

Acq: 23 Jun 2018 16:54

Tgt Ion:	75	Resp:	67806
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





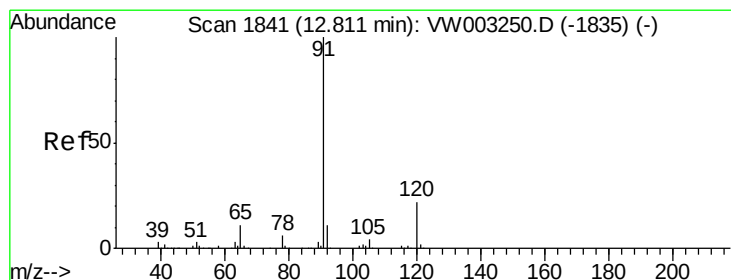
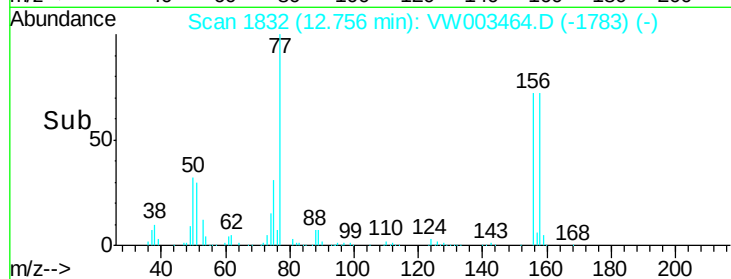
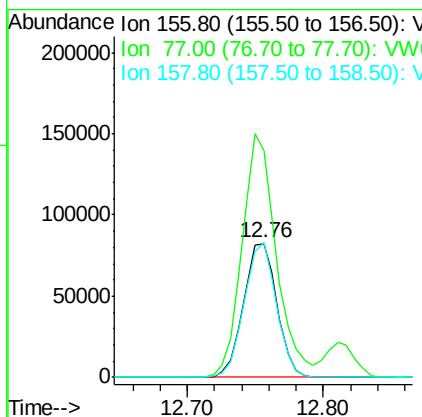
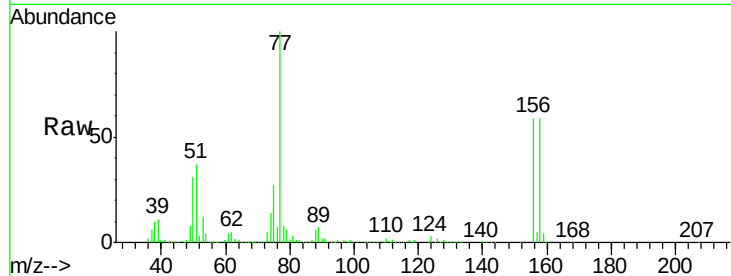
#77
Bromobenzene
Concen: 49.53 ug/l
RT: 12.76 min Scan# 1832
Delta R.T. 0.00 min
Lab File: VW003464.D
Acq: 23 Jun 2018 16:54

Instrument :
MSVOA_W
ClientSampleId :
WP021SB476-25-27-180619MS

Tot Ion	Ratio	Lower	Upper
156	100		
77	186.5	92.3	276.9
158	96.6	47.5	142.6

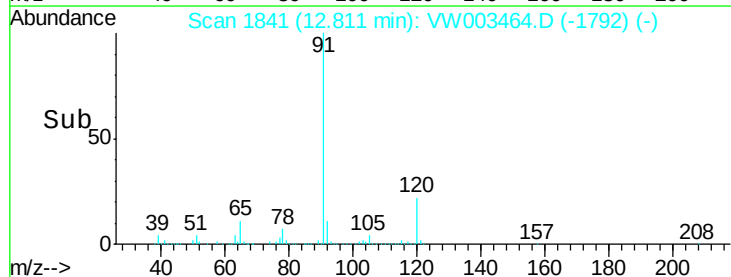
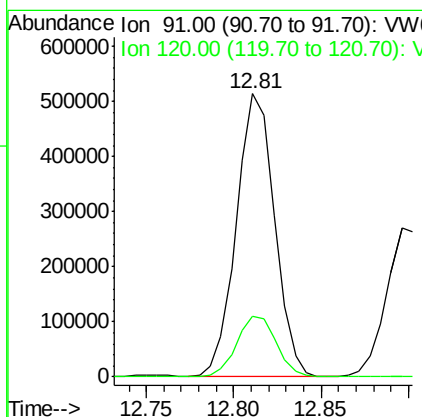
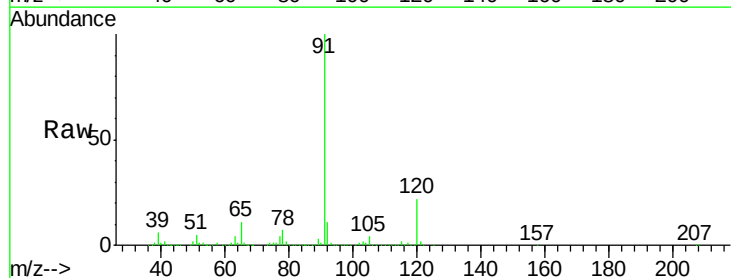
Manual Integrations
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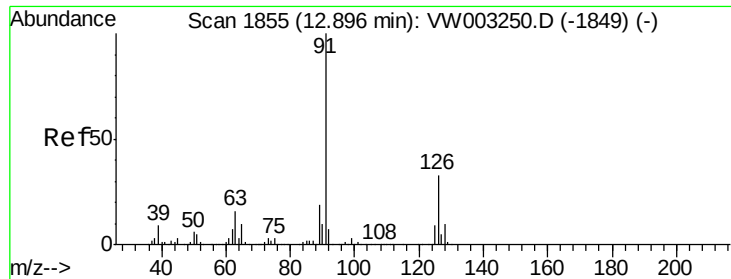
apatel
6/25/2018 7:16:15 PM



#78
n-propylbenzene
Concen: 51.87 ug/l
RT: 12.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VW003464.D
Acq: 23 Jun 2018 16:54

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.3	11.3	33.8





#79

2-Chlorotoluene

Concen: 51.33 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW003464.D

Acq: 23 Jun 2018 16:54

Instrument :

MSVOA_W

ClientSampleId :

WP021SB476-25-27-180619MS

Tot Ion: 91 Resp: 436169

Ion Ratio Lower Upper

91 100

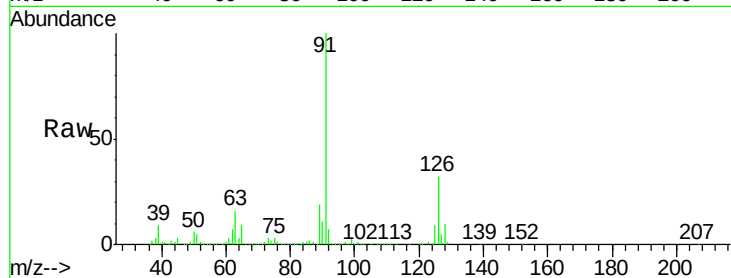
126 33.4 16.8 50.4

Manual Integrations

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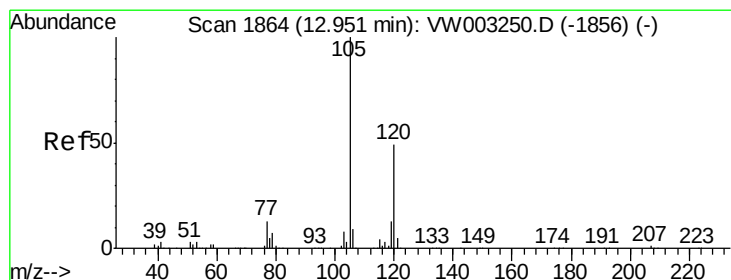
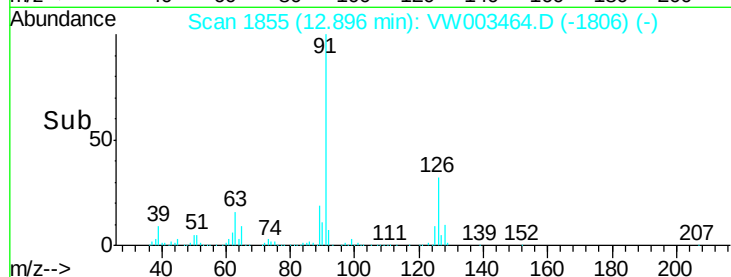
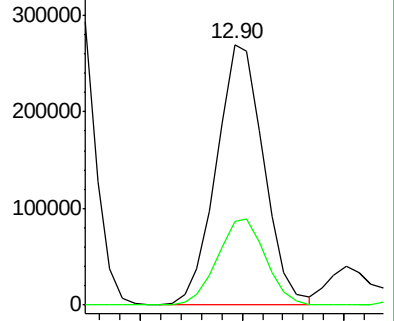
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 51.93 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW003464.D

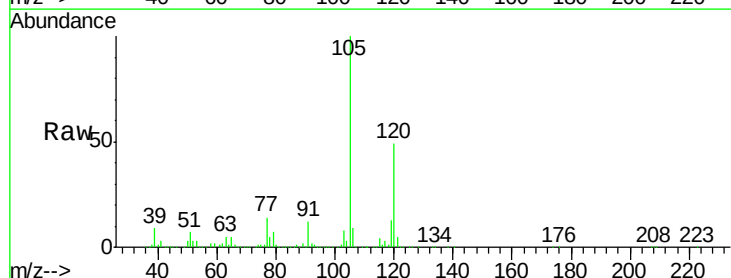
Acq: 23 Jun 2018 16:54

Tgt Ion: 105 Resp: 535352

Ion Ratio Lower Upper

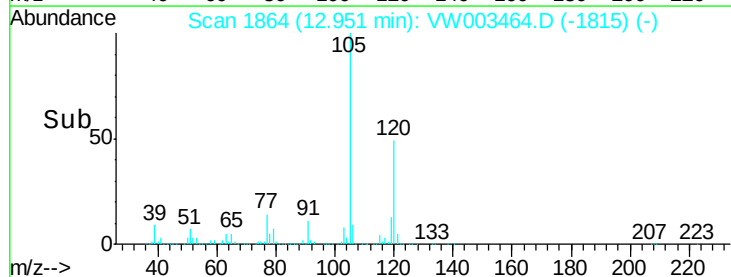
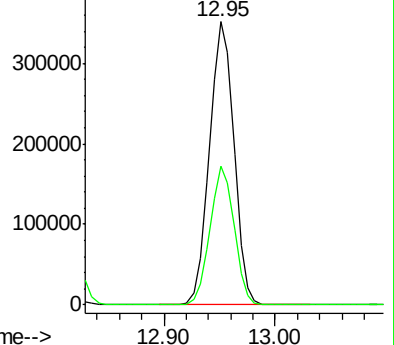
105 100

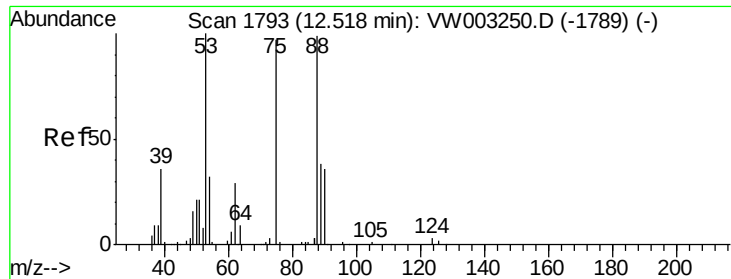
120 48.5 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





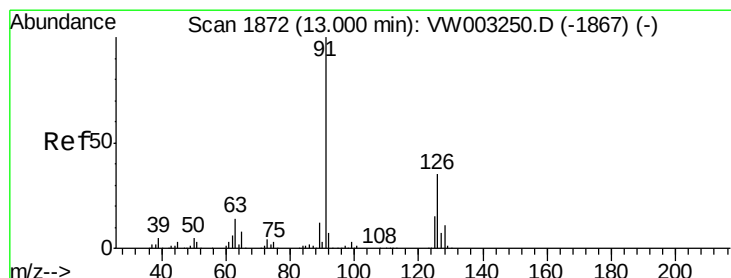
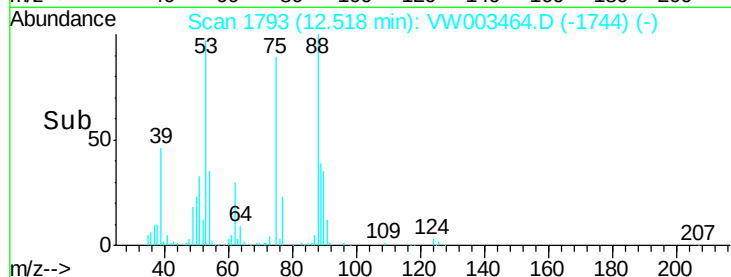
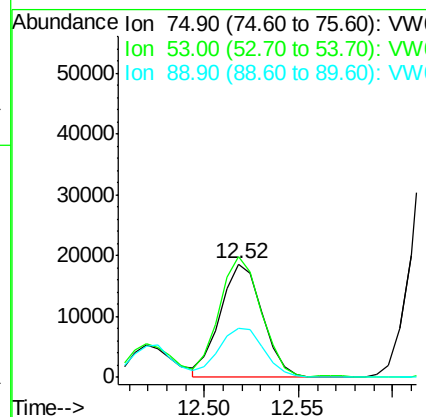
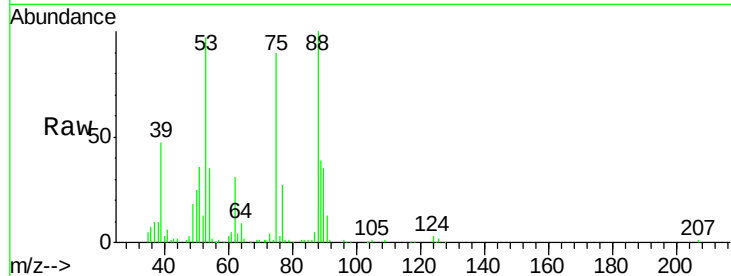
#81
trans-1,4-Dichloro-2-butene
Concen: 44.15 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VW003464.D
Acq: 23 Jun 2018 16:54

Instrument :
MSVOA_W
ClientSampleId :
WP021SB476-25-27-180619MS

Tot Ion	Ratio	Lower	Upper
75	100		
53	104.5	82.9	124.3
89	46.8	36.7	55.1

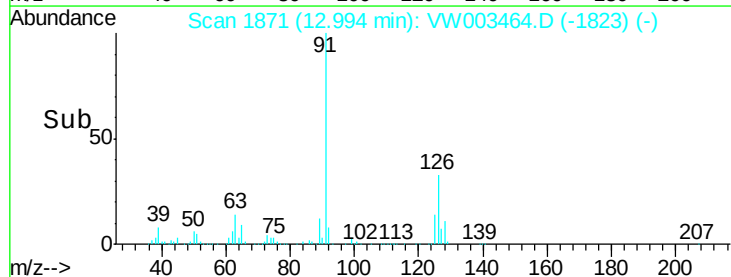
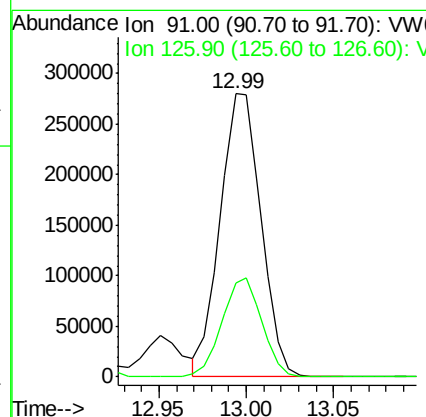
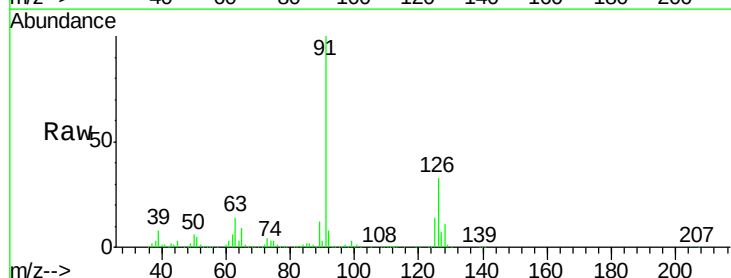
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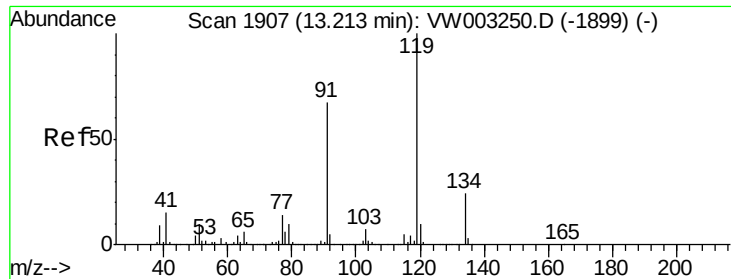
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#82
4-Chlorotoluene
Concen: 50.42 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. -0.01 min
Lab File: VW003464.D
Acq: 23 Jun 2018 16:54

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.1	16.8	50.3





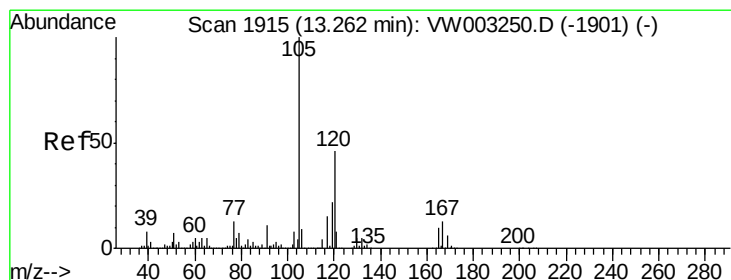
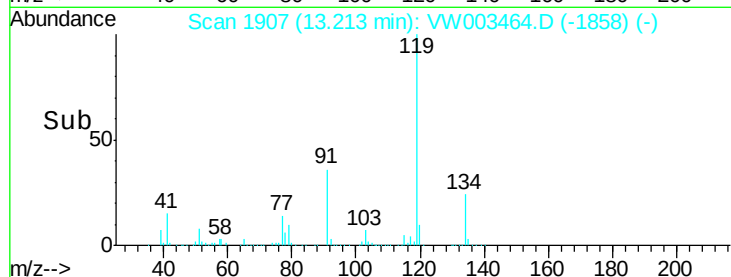
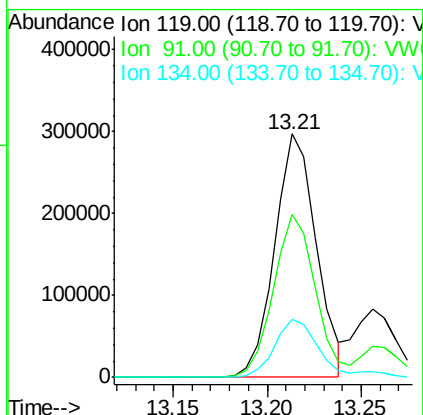
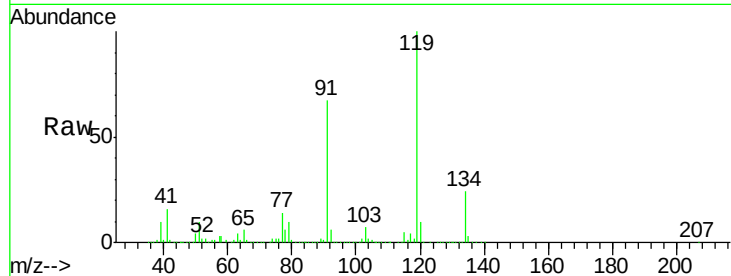
#83
 tert-Butylbenzene
 Concen: 51.76 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VW003464.D
 Acq: 23 Jun 2018 16:54

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB476-25-27-180619MS

Tot Ion	Ratio	Resp	Lower	Upper
119	100	454665		
91	67.8		33.9	101.7
134	24.1		13.4	40.1

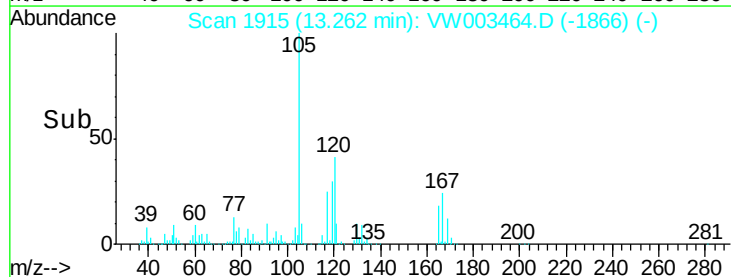
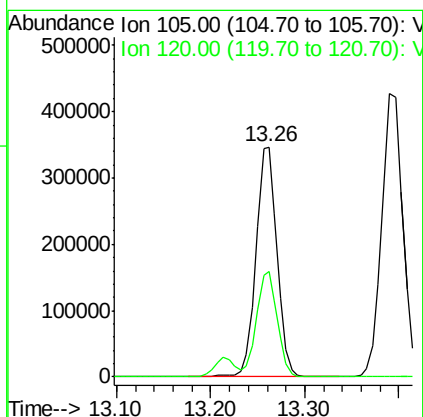
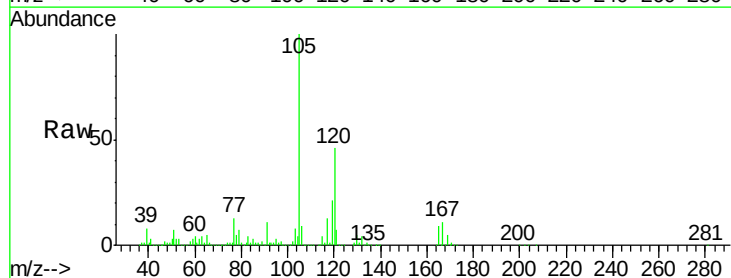
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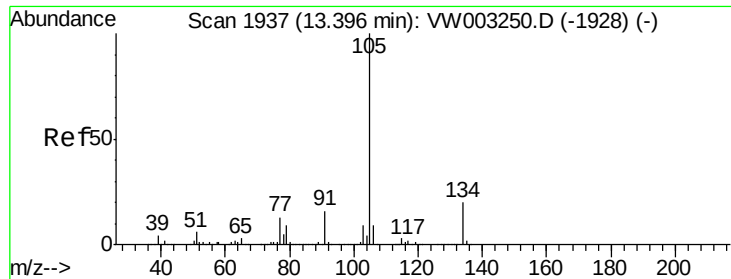
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#84
 1,2,4-Trimethylbenzene
 Concen: 51.58 ug/l
 RT: 13.26 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW003464.D
 Acq: 23 Jun 2018 16:54

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	546891		
120	45.1		22.5	67.5





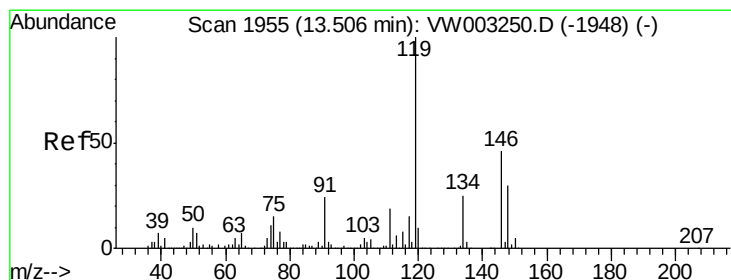
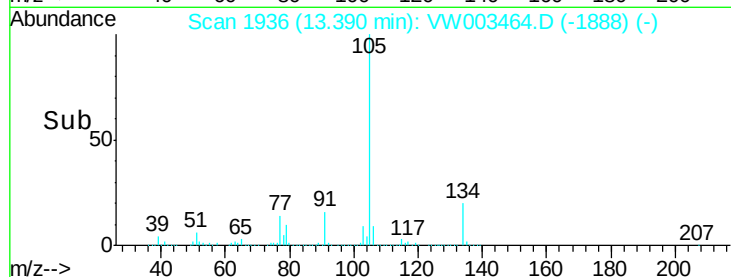
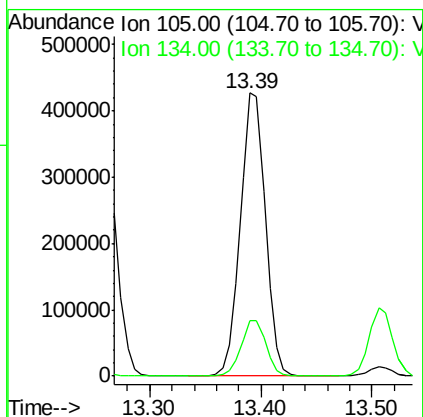
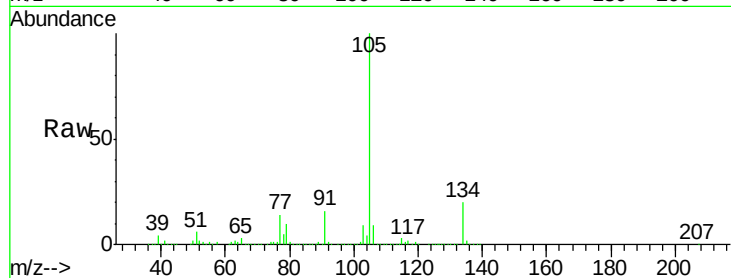
#85
 sec-Butylbenzene
 Concen: 50.90 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: VW003464.D
 Acq: 23 Jun 2018 16:54

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB476-25-27-180619MS

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.6	9.8	29.5

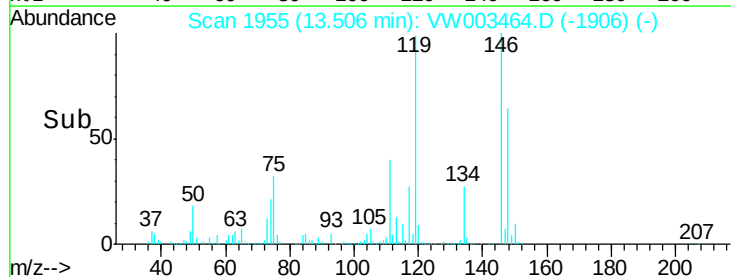
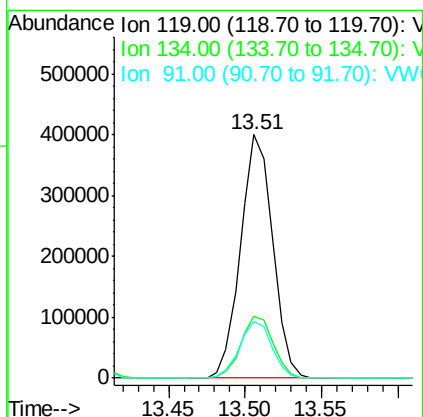
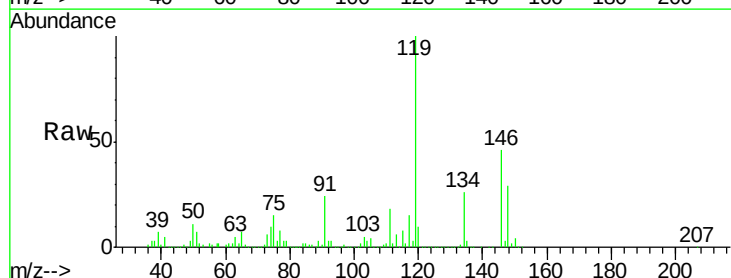
Manual Integrations
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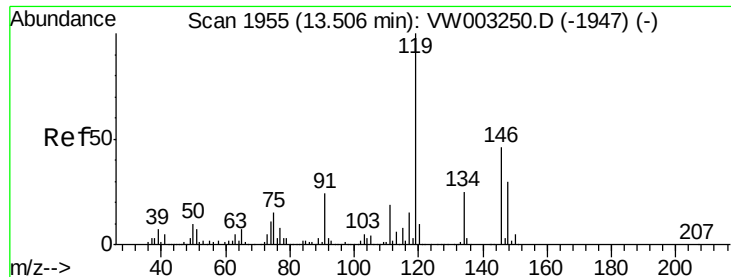
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#86
 p-Isopropyltoluene
 Concen: 50.70 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003464.D
 Acq: 23 Jun 2018 16:54

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.9	12.9	38.7
91	23.6	11.8	35.3





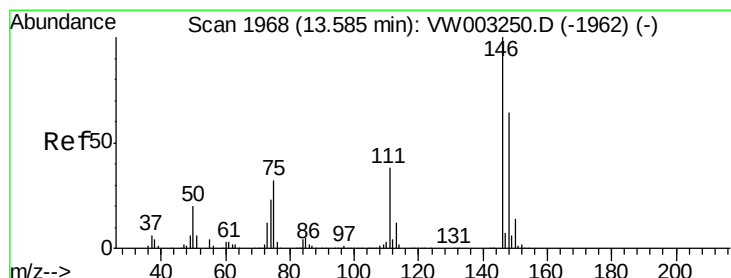
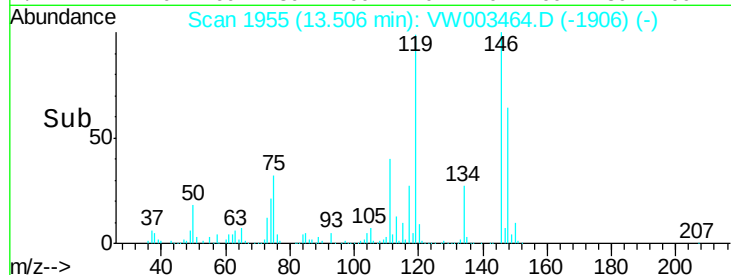
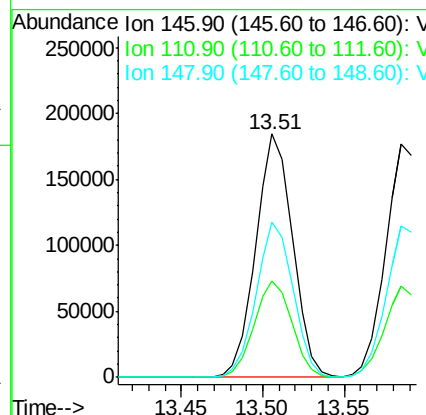
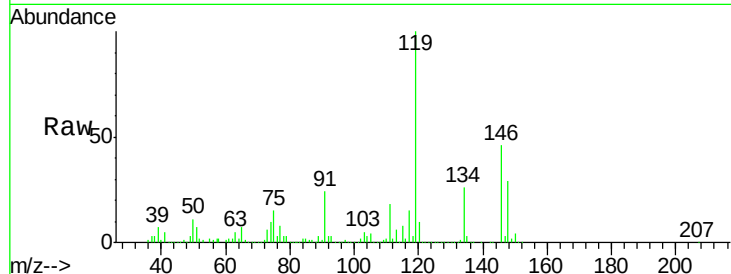
#87
 1,3-Dichlorobenzene
 Concen: 49.48 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003464.D
 Acq: 23 Jun 2018 16:54

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB476-25-27-180619MS

Tot Ion	Ratio	Resp	Lower	Upper
146	100	290721		
111	40.3	19.8	59.4	
148	63.7	32.1	96.5	

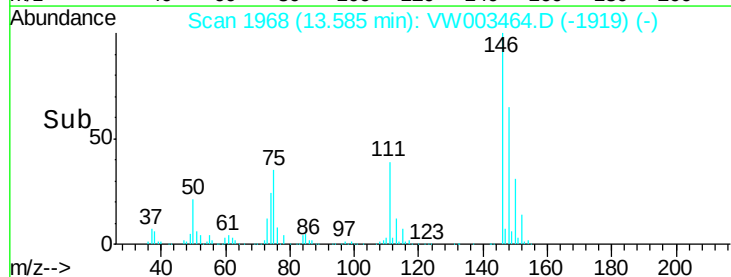
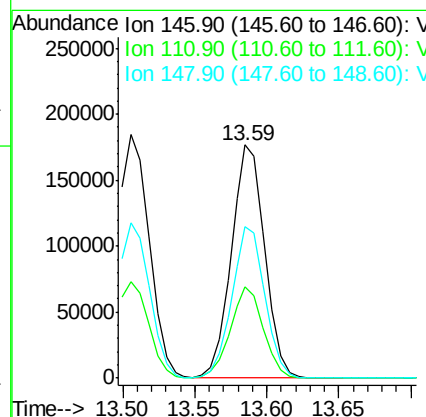
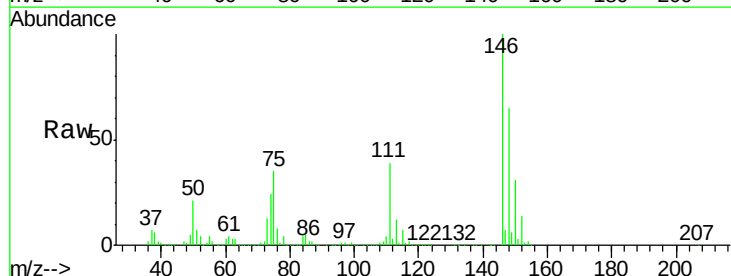
Manual Integrations
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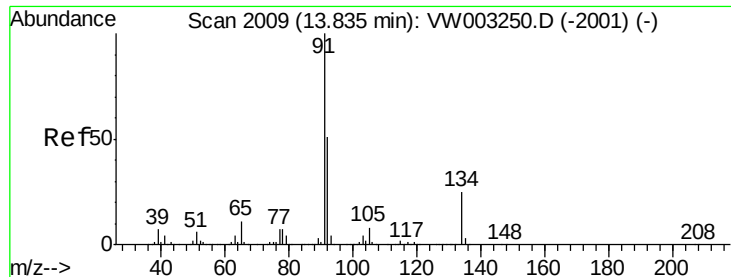
apatel
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#88
 1,4-Dichlorobenzene
 Concen: 48.86 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW003464.D
 Acq: 23 Jun 2018 16:54

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	285395		
111	38.8	19.2	57.6	
148	64.3	31.8	95.4	





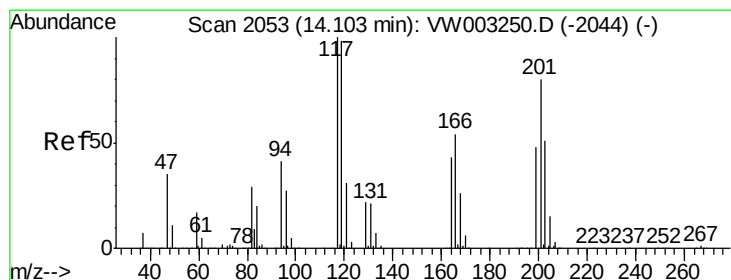
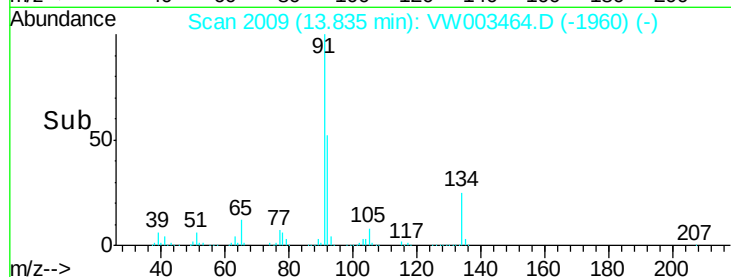
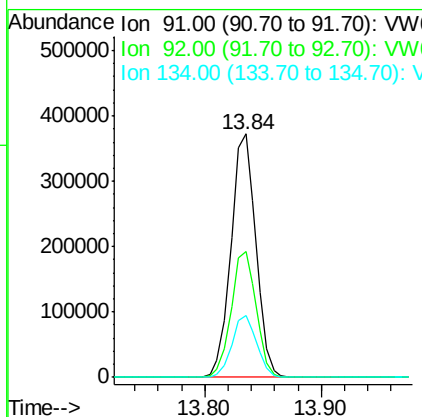
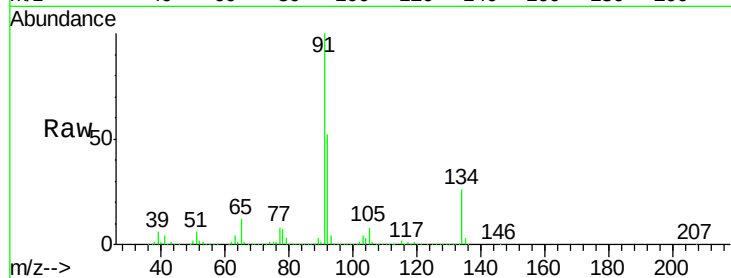
#89
n-Butylbenzene
Concen: 49.25 ug/l
RT: 13.84 min Scan# 2009
Delta R.T. 0.00 min
Lab File: VW003464.D
Acq: 23 Jun 2018 16:54

Instrument :
MSVOA_W
ClientSampleId :
WP021SB476-25-27-180619MS

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.0	26.0	78.0
134	25.2	12.7	38.0

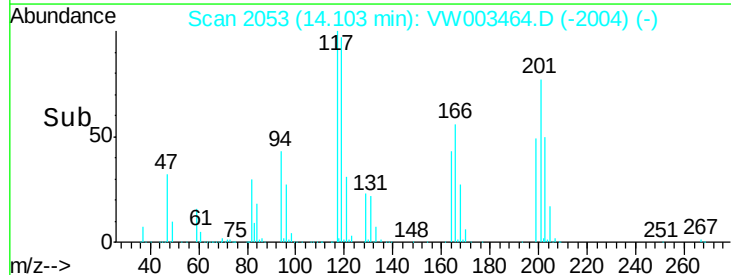
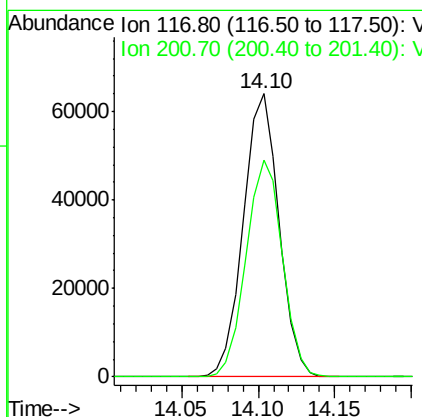
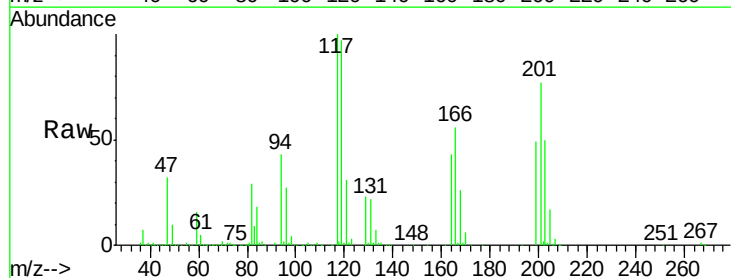
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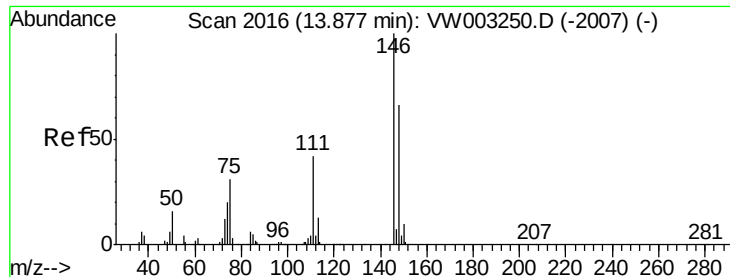
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#90
Hexachloroethane
Concen: 49.94 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.00 min
Lab File: VW003464.D
Acq: 23 Jun 2018 16:54

Tgt Ion	Ratio	Lower	Upper
117	100		
201	78.0	39.5	118.5





#91

1,2-Dichlorobenzene

Concen: 48.79 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. 0.00 min

Lab File: VW003464.D

Acq: 23 Jun 2018 16:54

Instrument :

MSVOA_W

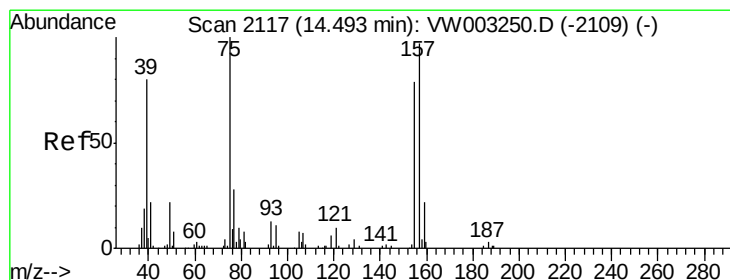
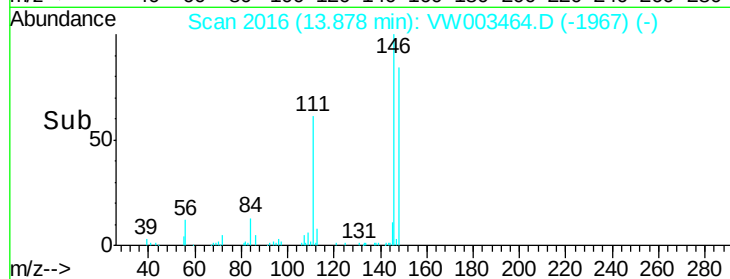
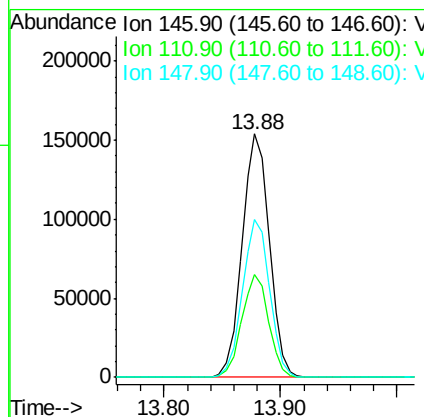
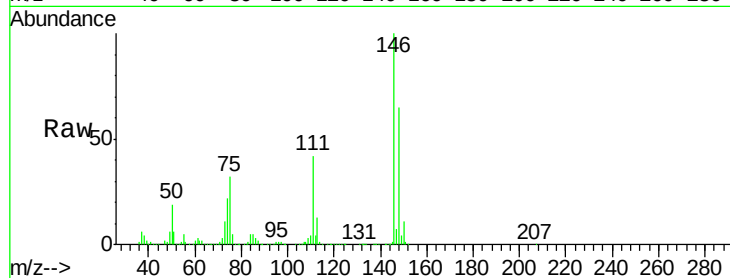
ClientSampleId :

WP021SB476-25-27-180619MS

Tot Ion:	146	Resp:	251097
Ion Ratio		Lower	Upper
146	100		
111	41.7	20.3	61.0
148	64.7	32.3	96.9

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 45.80 ug/l

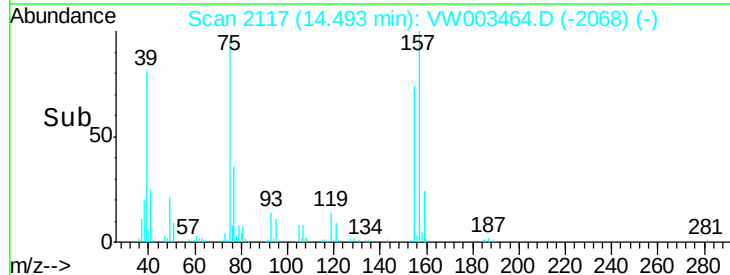
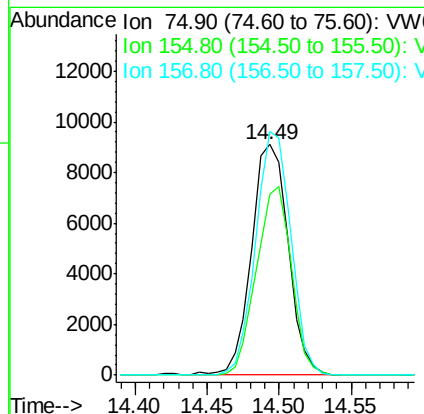
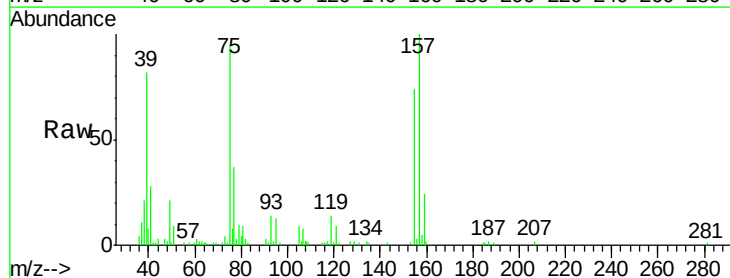
RT: 14.49 min Scan# 2117

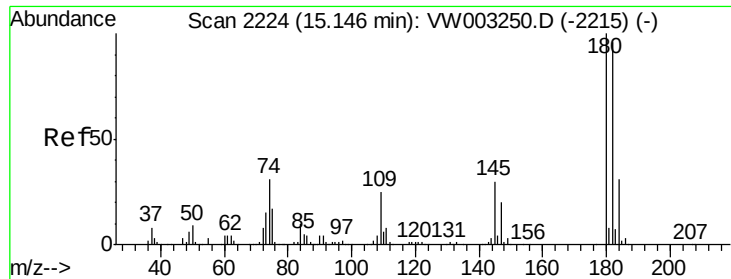
Delta R.T. 0.00 min

Lab File: VW003464.D

Acq: 23 Jun 2018 16:54

Tgt Ion:	75	Resp:	16012
Ion Ratio		Lower	Upper
75	100		
155	77.6	39.4	118.2
157	101.3	51.5	154.5





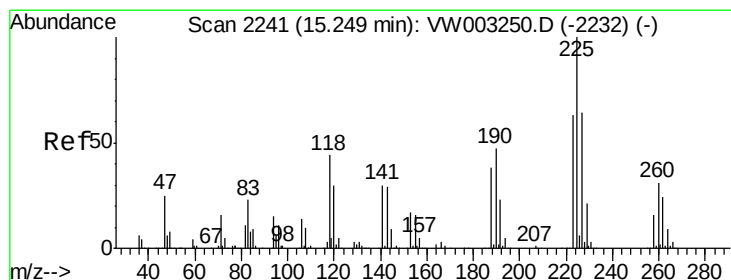
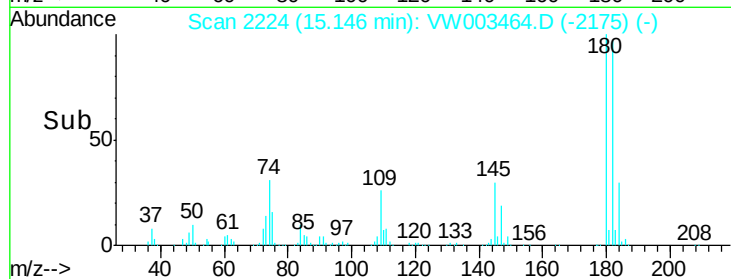
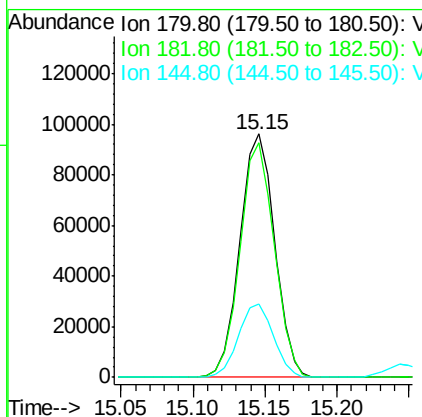
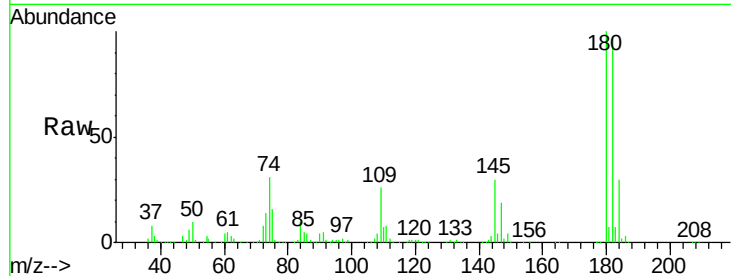
#93
 1,2,4-Trichlorobenzene
 Concen: 44.49 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW003464.D
 Acq: 23 Jun 2018 16:54

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB476-25-27-180619MS

Tot Ion	Ratio	Resp	Lower	Upper
180	100	160758		
182	95.0	47.9	143.6	
145	30.5	15.2	45.5	

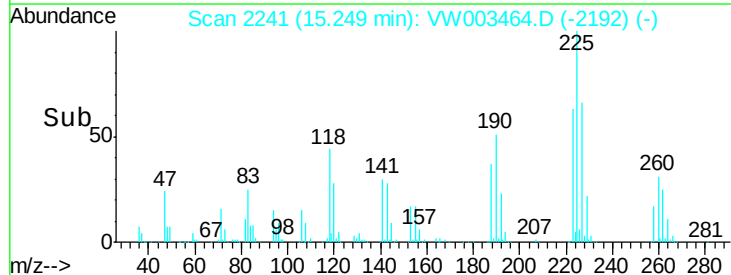
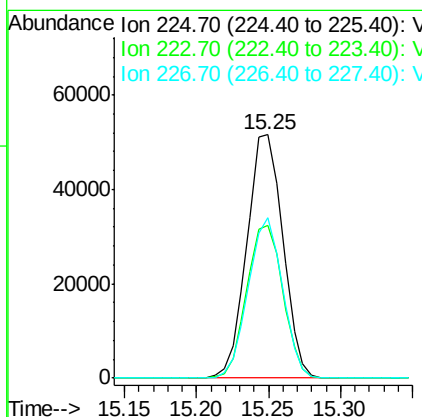
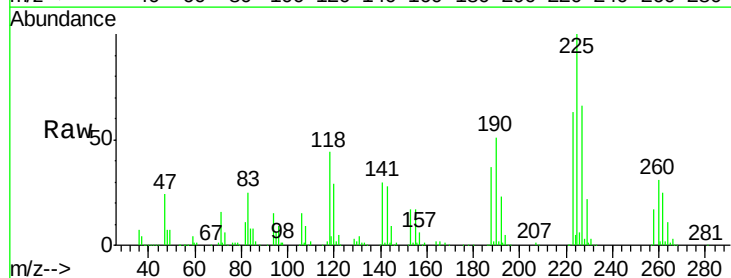
Manual Integrations
 APPROVED

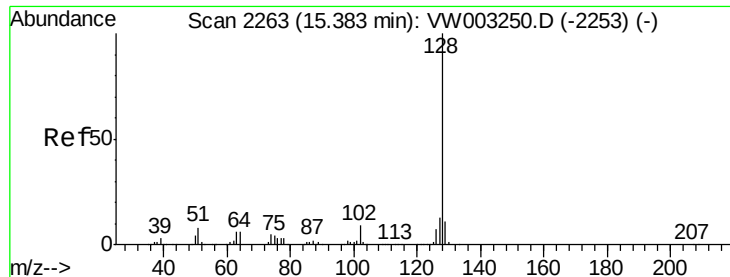
apatel
 6/25/2018 7:16:15 PM



#94
 Hexachlorobutadiene
 Concen: 41.07 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: VW003464.D
 Acq: 23 Jun 2018 16:54

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	89256		
223	63.1	30.6	92.0	
227	62.9	31.7	95.1	





#95

Naphthalene

Concen: 43.69 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. -0.01 min

Lab File: VW003464.D

Acq: 23 Jun 2018 16:54

Instrument :

MSVOA_W

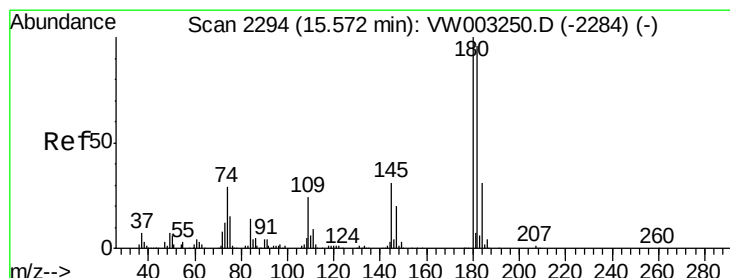
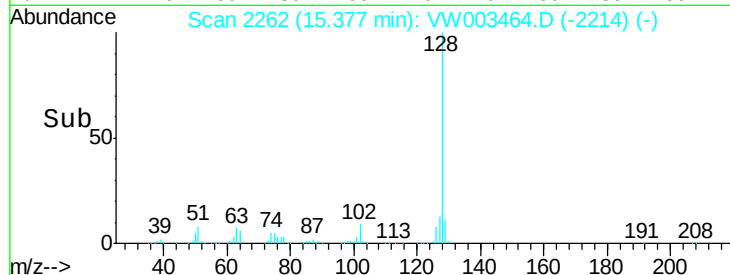
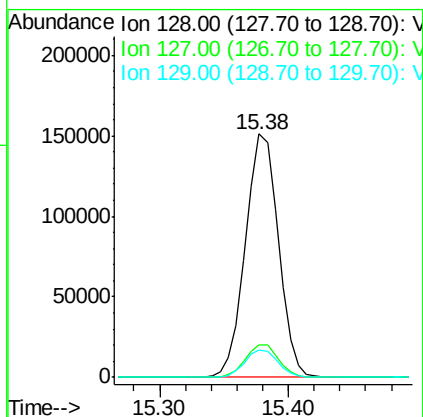
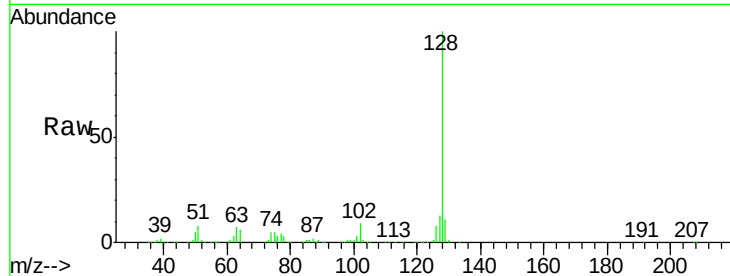
ClientSampleId :

WP021SB476-25-27-180619MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
128	100		267790		
127	13.5		10.5	15.7	
129	11.2		8.9	13.3	

Manual Integrations
APPROVED

apatel
6/25/2018 7:16:15 PM



#96

1,2,3-Trichlorobenzene

Concen: 42.25 ug/l

RT: 15.57 min Scan# 2293

Delta R.T. -0.01 min

Lab File: VW003464.D

Acq: 23 Jun 2018 16:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		134372		
182	95.3		47.9	143.6	
145	32.2		15.8	47.4	

