

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062318\
 Data File : VW003459.D
 Acq On : 23 Jun 2018 14:45
 Operator : SY/AP
 Sample : J3664-02MS
 Misc : 6.87G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB482-15-17-180619MS

Manual Integrations
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 6/25/2018 7:12:28 PM

Quant Time: Jun 25 03:49:06 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	248293	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	378270	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	354216	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	181881	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	152630	56.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.50%	
35) Dibromofluoromethane	7.88	113	132161	56.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.46%	
50) Toluene-d8	10.33	98	527804	56.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.26%	
62) 4-Bromofluorobenzene	12.63	95	188197	57.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	54356	72.41	ug/l	90
3) Chloromethane	2.21	50	83812	44.19	ug/l	98
4) Vinyl Chloride	2.36	62	126329	45.69	ug/l	100
5) Bromomethane	2.78	94	75657	41.17	ug/l	97
6) Chloroethane	2.92	64	84611	43.96	ug/l	100
7) Trichlorofluoromethane	3.25	101	88385	53.36	ug/l	97
8) Diethyl Ether	3.68	74	58361	47.96	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	111884	48.64	ug/l	98
10) Methyl Iodide	4.26	142	163620	47.04	ug/l	100
11) Tert butyl alcohol	5.24	59	39273m	272.29	ug/l	
12) 1,1-Dichloroethene	4.03	96	107369	47.77	ug/l	99
13) Acrolein	3.90	56	23961	116.19	ug/l	86
14) Allyl chloride	4.67	41	174005	44.69	ug/l	98
15) Acrylonitrile	5.38	53	134265	268.20	ug/l	99
16) Acetone	4.15	43	190498	337.73	ug/l	99
17) Carbon Disulfide	4.37	76	314484	47.33	ug/l	100
18) Methyl Acetate	4.68	43	94399	70.55	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	217739	51.72	ug/l	99
20) Methylene Chloride	4.91	84	123106	51.49	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	115099	47.05	ug/l	99
22) Diisopropyl ether	6.32	45	390859	49.88	ug/l	99
23) Vinyl Acetate	6.26	43	963649	213.41	ug/l	100
24) 1,1-Dichloroethane	6.21	63	226838	48.76	ug/l	98
25) 2-Butanone	7.18	43	209326	298.45	ug/l	96
26) 2,2-Dichloropropane	7.17	77	146773	47.28	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	130432	48.54	ug/l	99
28) Bromochloromethane	7.51	49	116753	60.31	ug/l	98
29) Tetrahydrofuran	7.54	42	117559	274.25	ug/l	100
30) Chloroform	7.68	83	234449	49.47	ug/l	99
31) Cyclohexane	7.96	56	198668	45.72	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	189063	48.33	ug/l	99
36) 1,1-Dichloropropene	8.09	75	182396	49.93	ug/l	99
37) Ethyl Acetate	7.26	43	78520	51.88	ug/l	98
38) Carbon Tetrachloride	8.07	117	170310	47.53	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	217088	51.36	ug/l	98
40) Benzene	8.33	78	649313	64.48	ug/l	99
41) Methacrylonitrile	7.49	41	50684	54.58	ug/l	98
42) 1,2-Dichloroethane	8.40	62	160271	50.80	ug/l	99
43) Isopropyl Acetate	8.43	43	159344	53.03	ug/l	100
44) Trichloroethene	9.09	130	132811	49.78	ug/l	100
45) 1,2-Dichloropropane	9.37	63	130415	50.87	ug/l	97
46) Dibromomethane	9.46	93	69186	52.71	ug/l	97
47) Bromodichloromethane	9.65	83	167226	49.70	ug/l	100
48) Methyl methacrylate	9.45	41	79127	56.03	ug/l	99
49) 1,4-Dioxane	9.49	88	20644	1041.61	ug/l	97
51) 4-Methyl-2-Pentanone	10.22	43	441886	288.58	ug/l	100
52) Toluene	10.40	92	344249	53.31	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	174396	50.74	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	192647	49.25	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	97150	52.52	ug/l	98
56) Ethyl methacrylate	10.65	69	121152	53.94	ug/l	97
57) 1,3-Dichloropropane	10.94	76	166151	52.08	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	280782	278.86	ug/l	98
59) 2-Hexanone	10.98	43	329560	308.09	ug/l	99
60) Dibromochloromethane	11.13	129	108443	49.30	ug/l	100
61) 1,2-Dibromoethane	11.24	107	92504	52.87	ug/l	99
64) Tetrachloroethene	10.87	164	119790	50.56	ug/l	98
65) Chlorobenzene	11.66	112	1399064	189.67	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	126281	48.72	ug/l	100
67) Ethyl Benzene	11.74	91	660634	50.53	ug/l	100
68) m/p-Xylenes	11.85	106	491428	98.87	ug/l	99
69) o-Xylene	12.18	106	232519	50.48	ug/l	99
70) Styrene	12.19	104	383496	50.02	ug/l	100
71) Bromoform	12.35	173	63648	47.38	ug/l #	99
73) Isopropylbenzene	12.47	105	649468	51.34	ug/l	100
74) N-amyl acetate	12.28	43	138771	48.19	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	117735	55.01	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	81664m	52.52	ug/l	
77) Bromobenzene	12.76	156	144460	49.03	ug/l	97
78) n-propylbenzene	12.81	91	780769	50.40	ug/l	100
79) 2-Chlorotoluene	12.90	91	433647	49.54	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	537226	50.59	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	28019	41.47	ug/l	94
82) 4-Chlorotoluene	12.99	91	454444	48.94	ug/l	100
83) tert-Butylbenzene	13.21	119	449057	49.62	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	552545	50.59	ug/l	100
85) sec-Butylbenzene	13.39	105	653145	48.56	ug/l	100
86) p-Isopropyltoluene	13.51	119	571842	48.20	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	290506	48.00	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	286025	47.54	ug/l	99
89) n-Butylbenzene	13.83	91	547379	47.33	ug/l	100
90) Hexachloroethane	14.10	117	97434	45.40	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	264249	49.84	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	19930	55.34	ug/l	99

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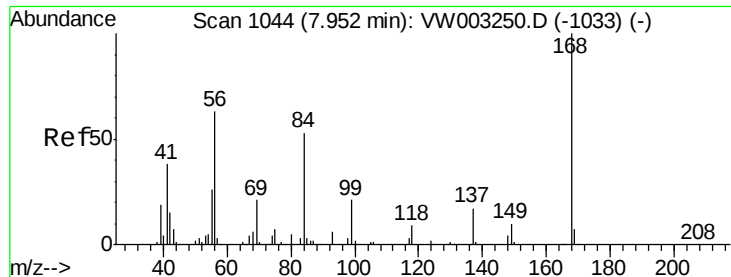
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	156456	42.04	ug/l	100
94) Hexachlorobutadiene	15.25	225	81236	36.29	ug/l	100
95) Naphthalene	15.38	128	307594	48.72	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	134923	41.19	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003459.D

Acq: 23 Jun 2018 14:45

Instrument :

MSVOA_W

ClientSampleId :

WP021SB482-15-17-180619MS

Tot Ion:168 Resp: 248293

Ion Ratio Lower Upper

168 100

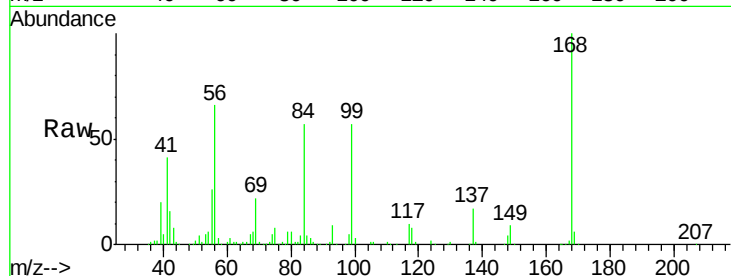
99 57.1 45.5 68.3

Manual Integrations

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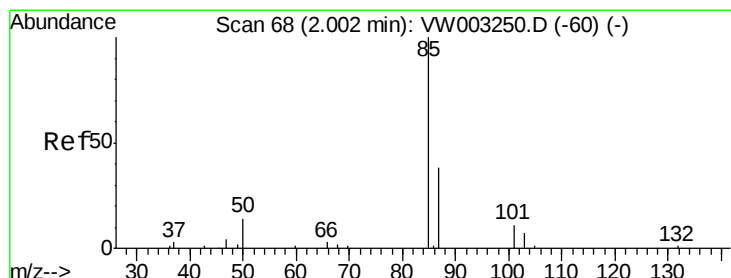
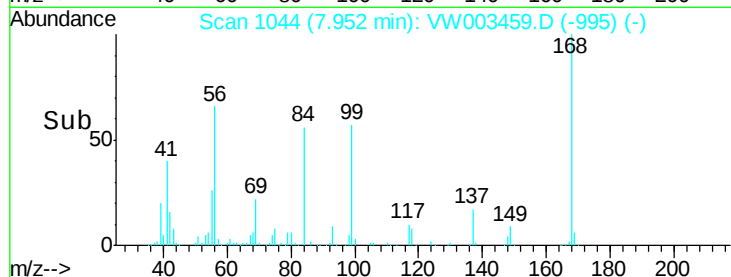
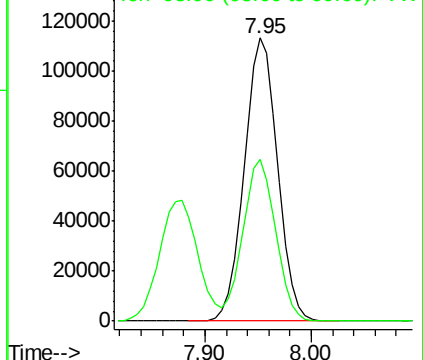
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 72.41 ug/l

RT: 2.01 min Scan# 69

Delta R.T. 0.01 min

Lab File: VW003459.D

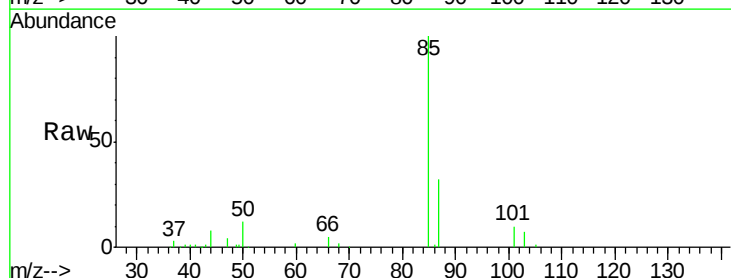
Acq: 23 Jun 2018 14:45

Tgt Ion: 85 Resp: 54356

Ion Ratio Lower Upper

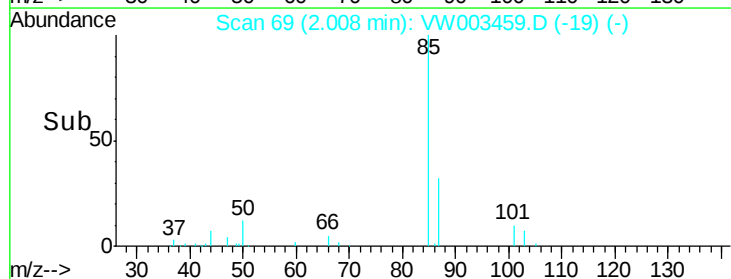
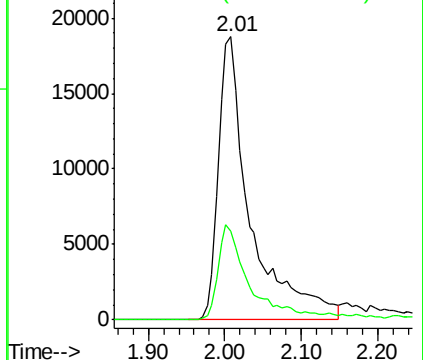
85 100

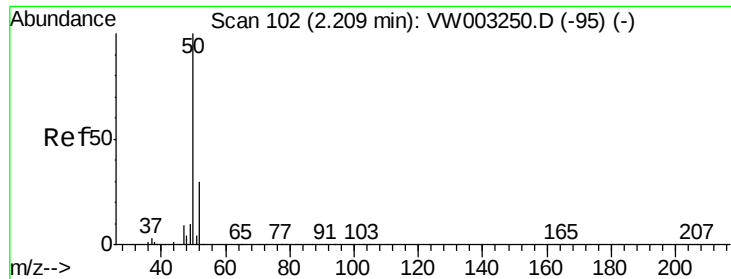
87 31.5 18.9 56.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 44.19 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW003459.D

Acq: 23 Jun 2018 14:45

Instrument :

MSVOA_W

ClientSampleId :

WP021SB482-15-17-180619MS

Tot Ion: 50 Resp: 83812

Ion Ratio Lower Upper

50 100

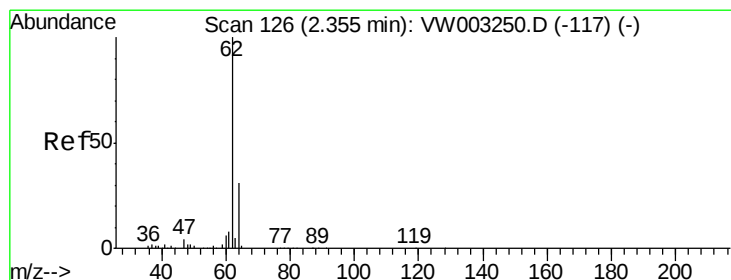
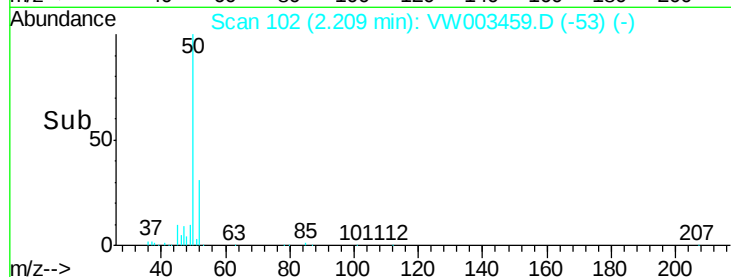
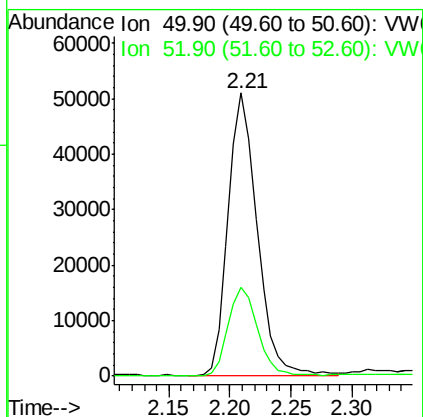
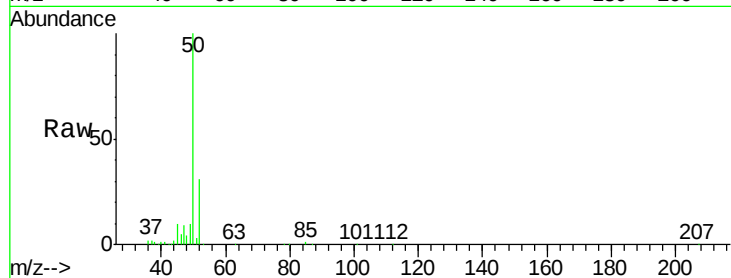
52 31.3 24.2 36.2

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#4

Vinyl Chloride

Concen: 45.69 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW003459.D

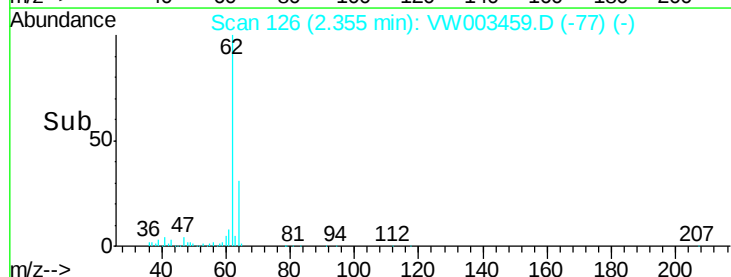
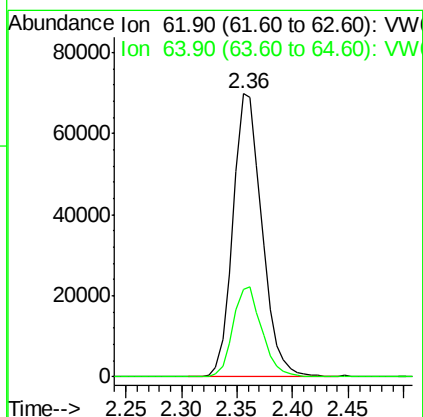
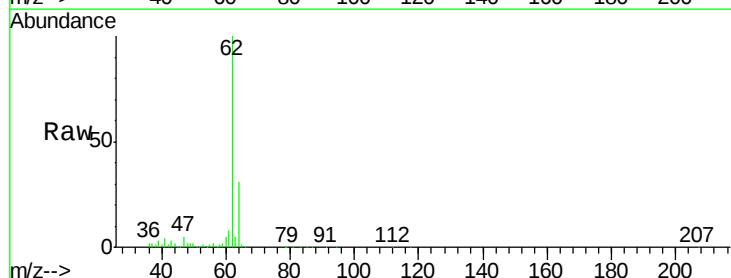
Acq: 23 Jun 2018 14:45

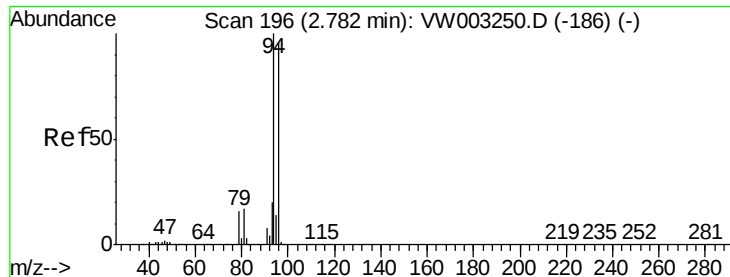
Tgt Ion: 62 Resp: 126329

Ion Ratio Lower Upper

62 100

64 31.1 24.9 37.3





#5

Bromomethane

Concen: 41.17 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.00 min

Lab File: VW003459.D

Acq: 23 Jun 2018 14:45

Instrument :

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Tot Ion: 94 Resp: 75657

Ion Ratio Lower Upper

94 100

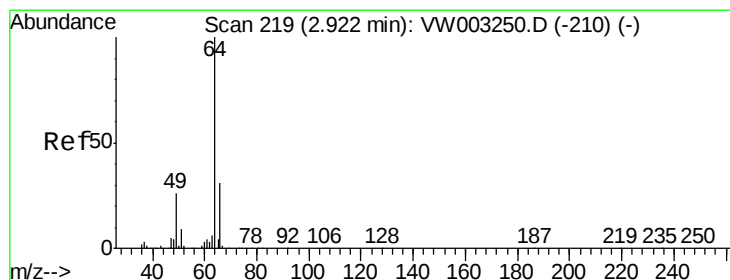
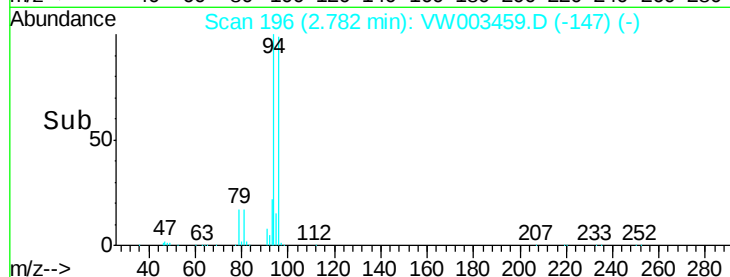
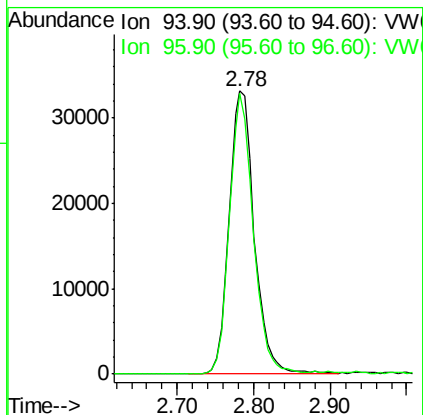
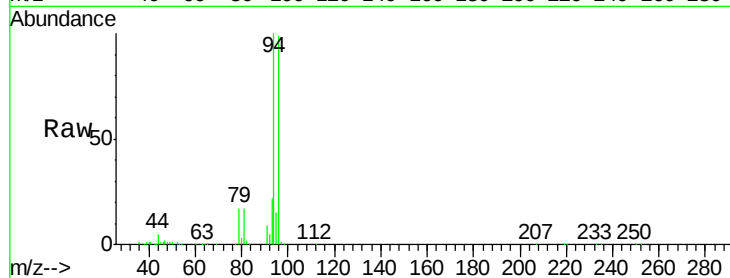
96 98.8 76.5 114.7

Manual Integrations

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#6

Chloroethane

Concen: 43.96 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.00 min

Lab File: VW003459.D

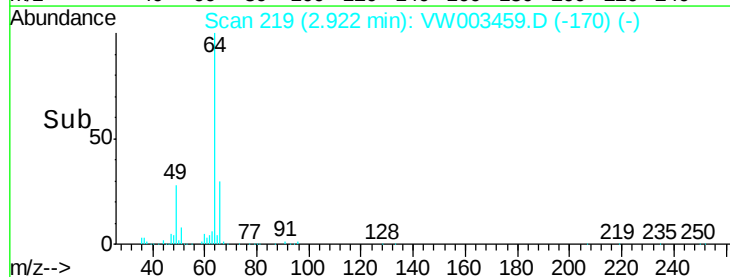
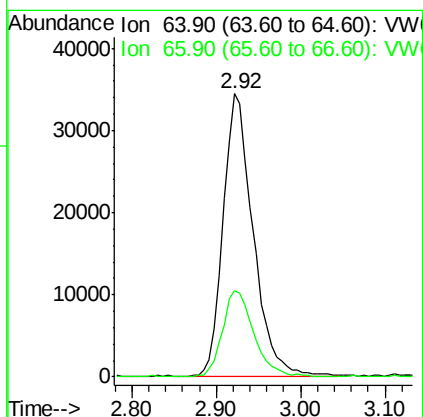
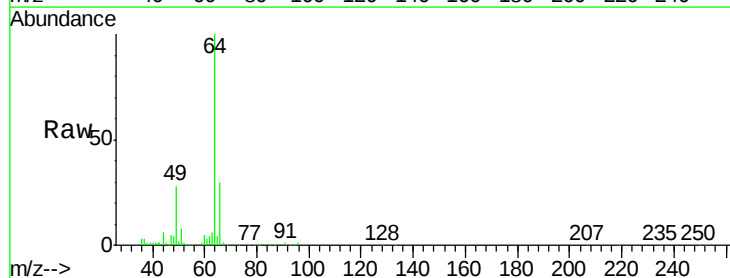
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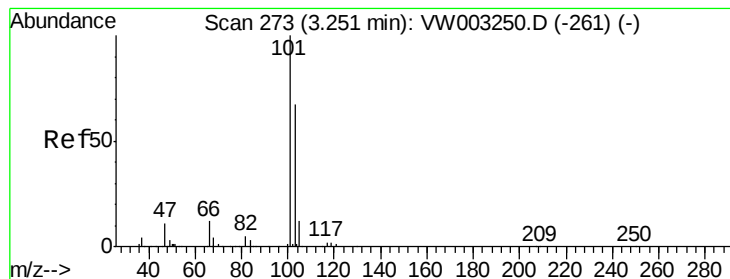
Tgt Ion: 64 Resp: 84611

Ion Ratio Lower Upper

64 100

66 30.4 24.4 36.6





#7

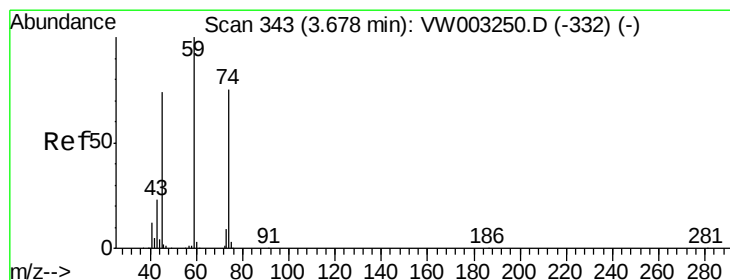
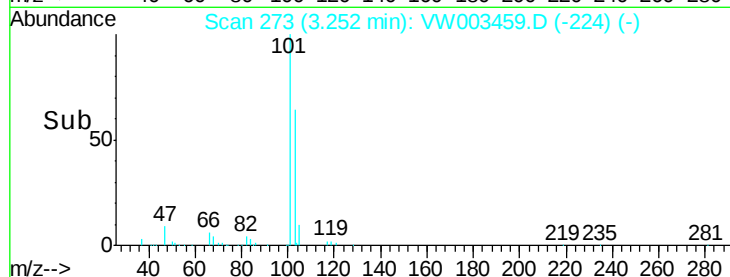
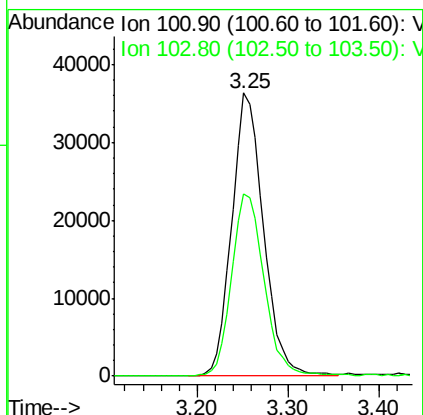
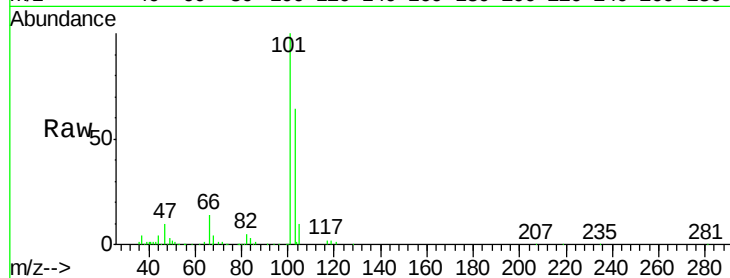
Trichlorofluoromethane
 Concen: 53.36 ug/l
 RT: 3.25 min Scan# 273
 Delta R.T. 0.00 min
 Lab File: VW003459.D
 Acq: 23 Jun 2018 14:45

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	88385		
103	64.4	53.4	80.0	

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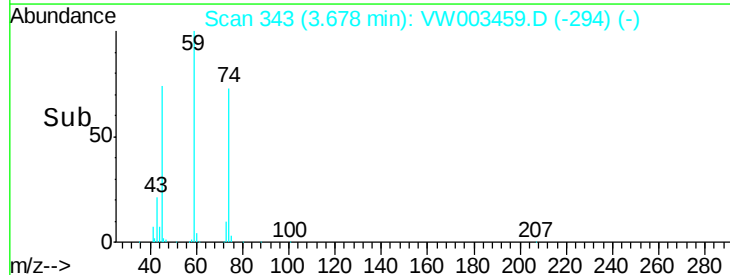
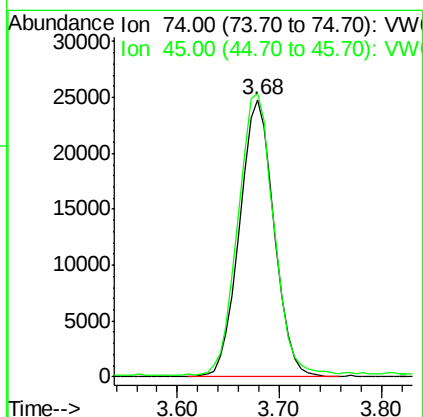
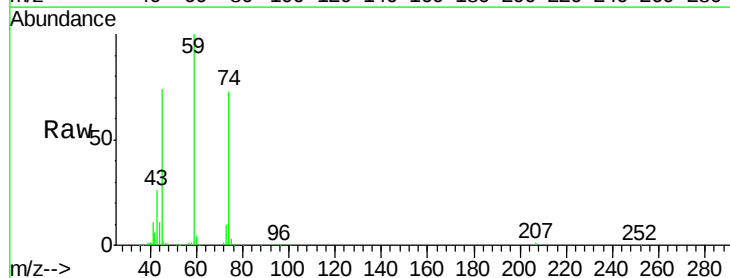
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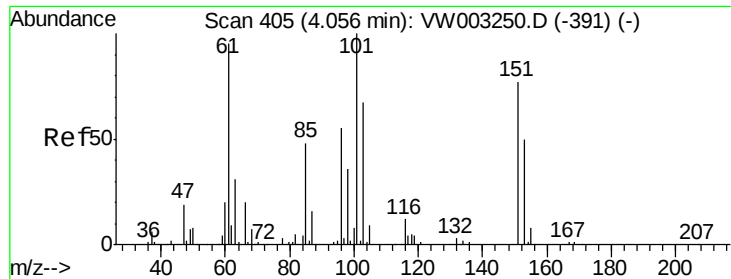


#8

Diethyl Ether
 Concen: 47.96 ug/l
 RT: 3.68 min Scan# 343
 Delta R.T. 0.00 min
 Lab File: VW003459.D
 Acq: 23 Jun 2018 14:45

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	58361		
45	105.4	51.4	154.2	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.64 ug/l

RT: 4.06 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW003459.D

Acq: 23 Jun 2018 14:45

Instrument :

MSVOA_W

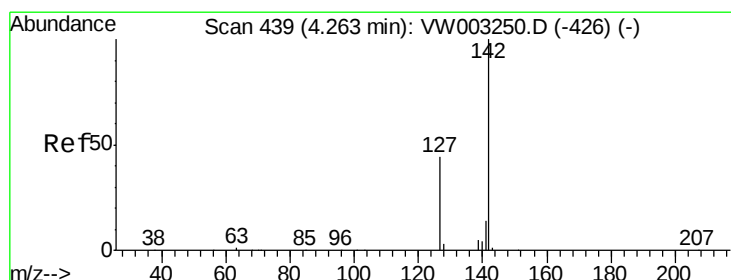
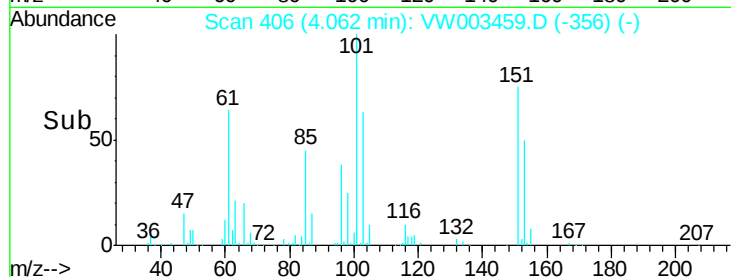
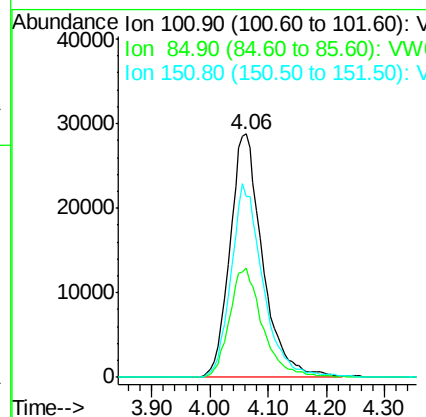
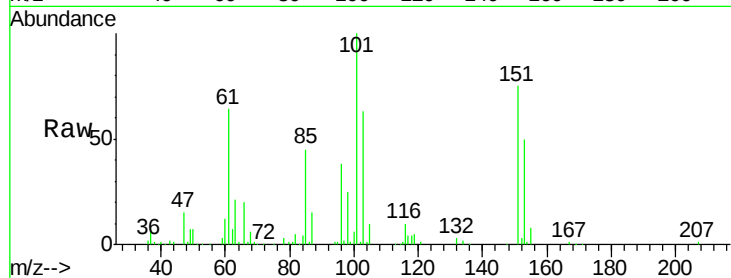
ClientSampleId :

WP021SB482-15-17-180619MS

Tot Ion:	101	Resp:	111884
Ion Ratio	Lower	Upper	
101	100		
85	45.2	37.0	55.6
151	77.3	63.3	94.9

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#10

Methyl Iodide

Concen: 47.04 ug/l

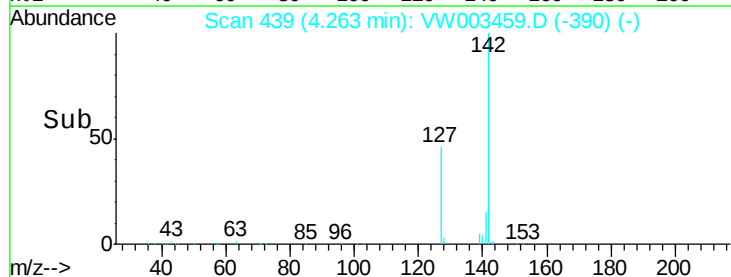
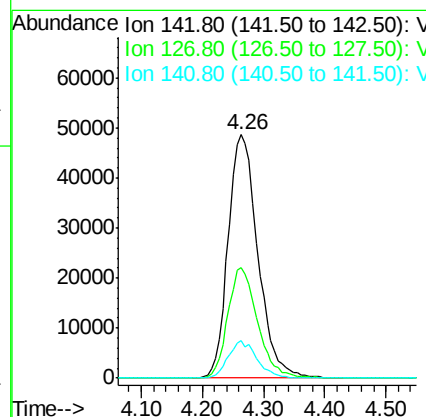
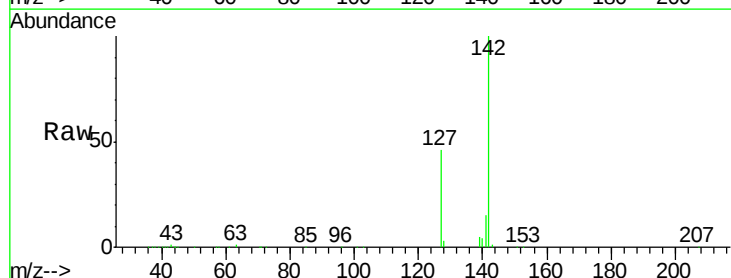
RT: 4.26 min Scan# 439

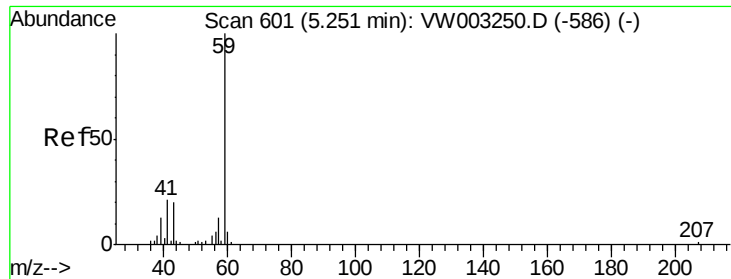
Delta R.T. 0.00 min

Lab File: VW003459.D

Acq: 23 Jun 2018 14:45

Tgt Ion:	142	Resp:	163620
Ion Ratio	Lower	Upper	
142	100		
127	45.3	36.5	54.7
141	14.9	12.1	18.1





#11

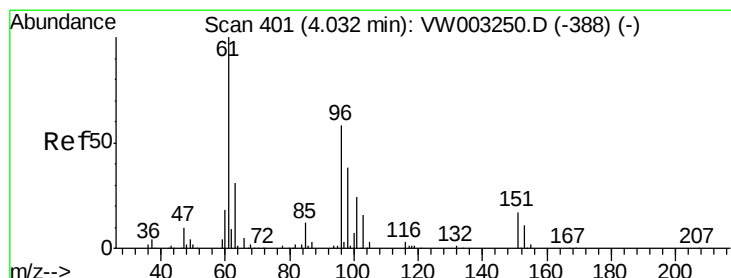
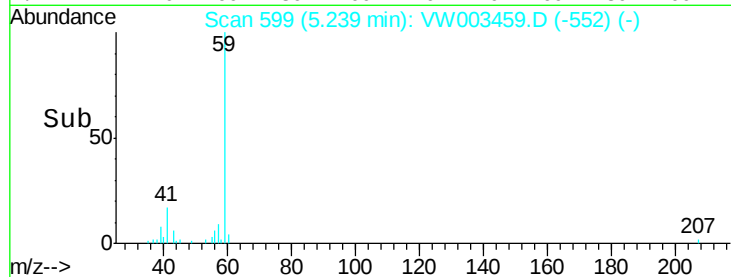
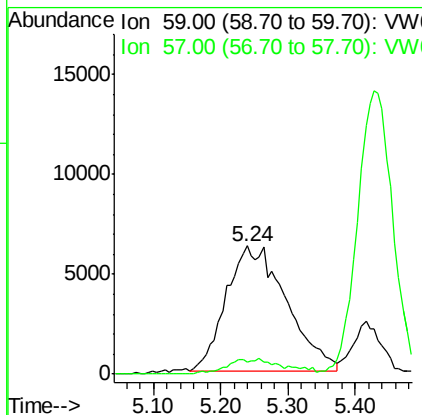
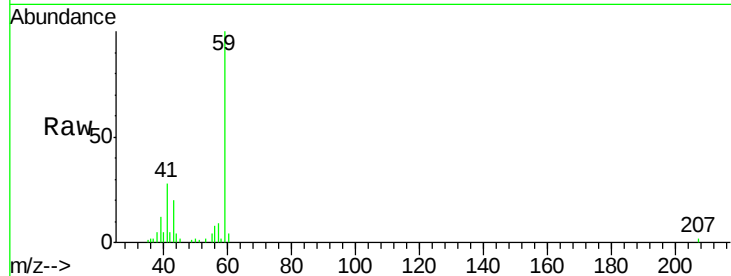
Tert butyl alcohol
Concen: 272.29 ug/l m
RT: 5.24 min Scan# 599
Delta R.T. -0.01 min
Lab File: VW003459.D
Acq: 23 Jun 2018 14:45

Instrument :
MSVOA_W
ClientSampleId :
WP021SB482-15-17-180619MS

Tot Ion	59	Resp	39273
Ion Ratio	100	Lower	Upper
59	100		
57	4.3	4.2	6.2

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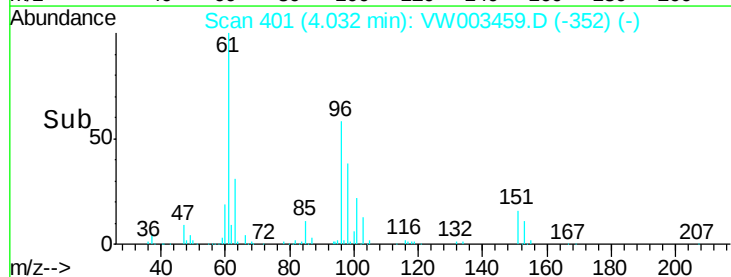
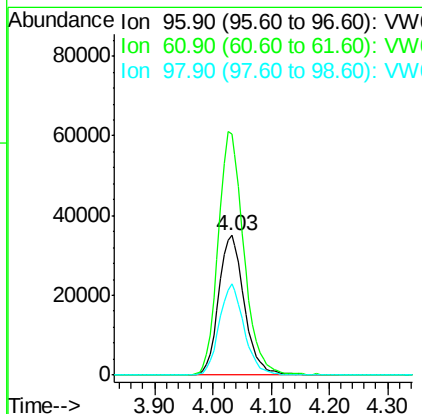
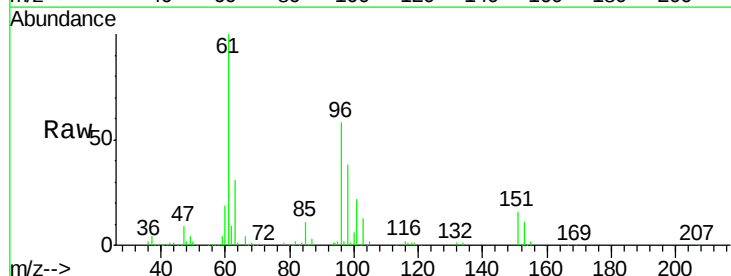
apatel
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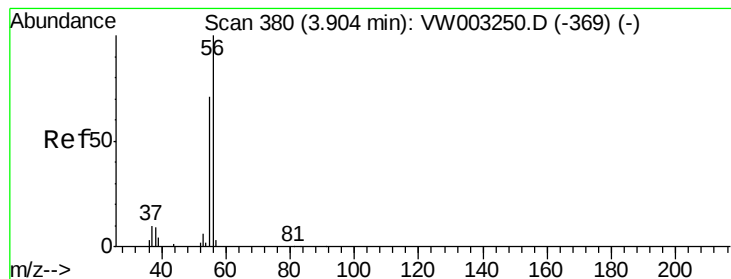


#12

1,1-Dichloroethene
Concen: 47.77 ug/l
RT: 4.03 min Scan# 401
Delta R.T. 0.00 min
Lab File: VW003459.D
Acq: 23 Jun 2018 14:45

Tgt Ion	96	Resp	107369
Ion Ratio	100	Lower	Upper
96	100		
61	172.4	139.0	208.4
98	65.5	53.3	79.9





#13

Acrolein

Concen: 116.19 ug/l

RT: 3.90 min Scan# 380

Delta R.T. 0.00 min

Lab File: VW003459.D

Acq: 23 Jun 2018 14:45

Instrument :

MSVOA_W

ClientSampleId :

WP021SB482-15-17-180619MS

Tot Ion: 56 Resp: 23961

Ion Ratio Lower Upper

56 100

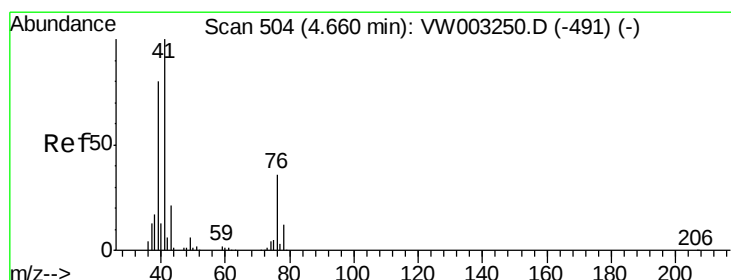
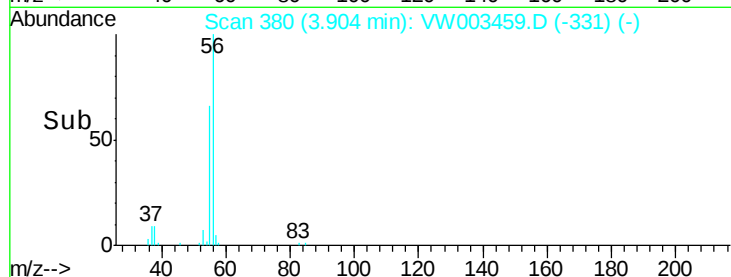
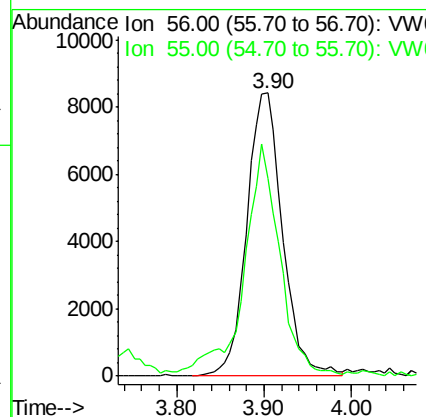
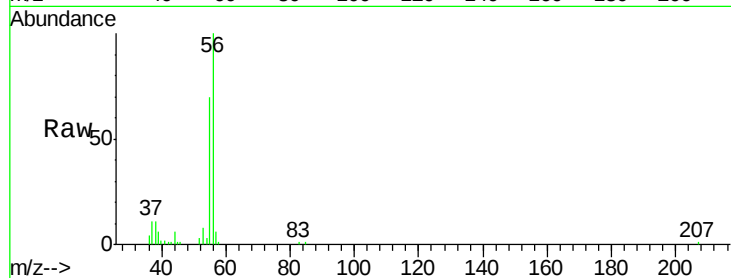
55 81.0 55.4 83.2

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#14

Allyl chloride

Concen: 44.69 ug/l

RT: 4.67 min Scan# 505

Delta R.T. 0.01 min

Lab File: VW003459.D

Acq: 23 Jun 2018 14:45

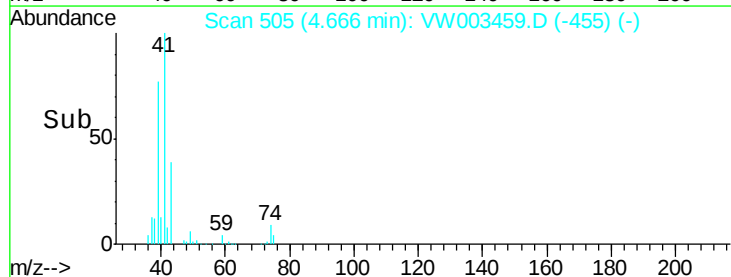
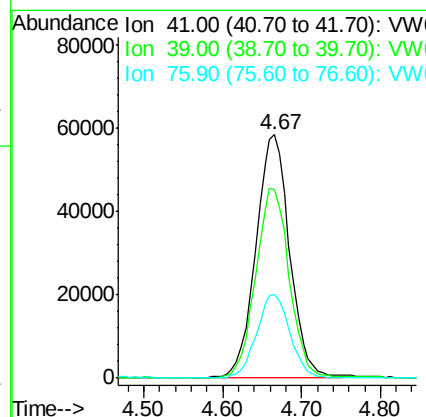
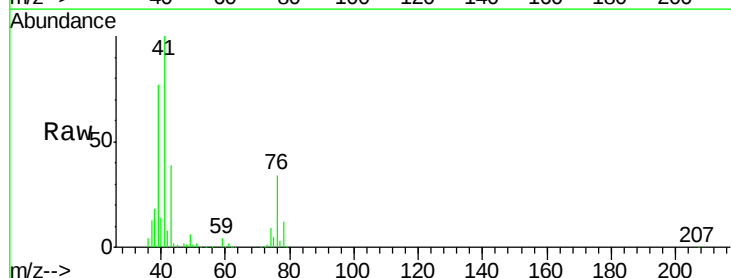
Tgt Ion: 41 Resp: 174005

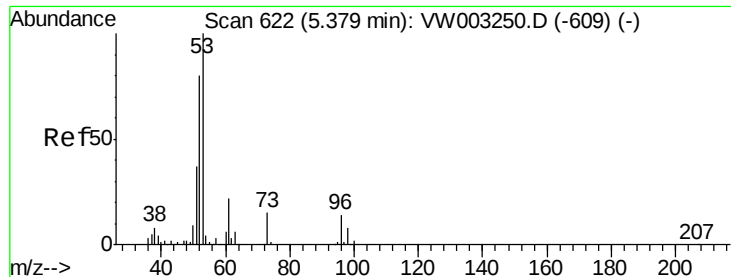
Ion Ratio Lower Upper

41 100

39 76.9 63.2 94.8

76 34.0 28.0 42.0





#15

Acrylonitrile

Concen: 268.20 ug/l

RT: 5.38 min Scan# 622

Delta R.T. 0.00 min

Lab File: VW003459.D

Acq: 23 Jun 2018 14:45

Instrument :

MSVOA_W

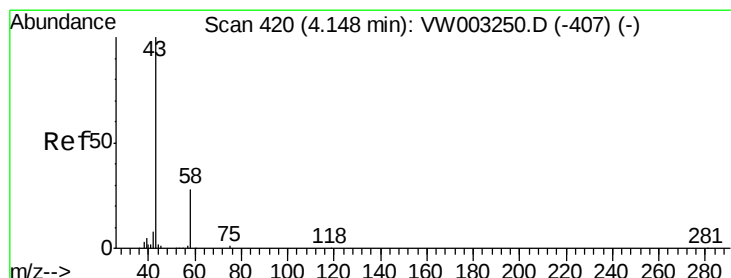
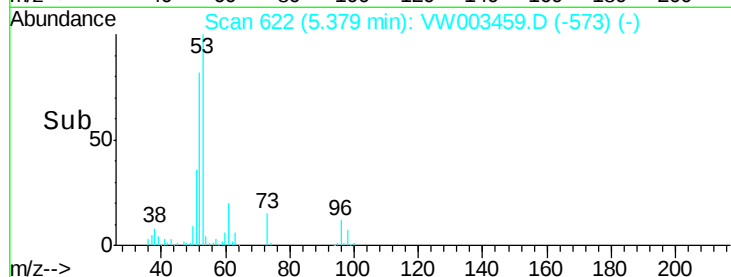
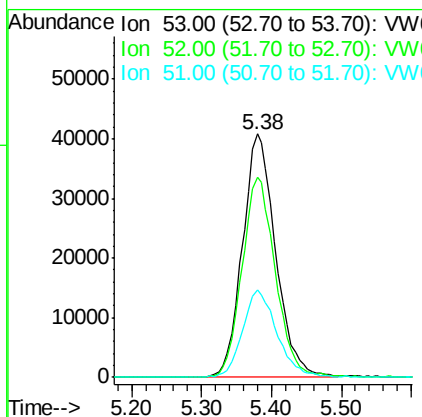
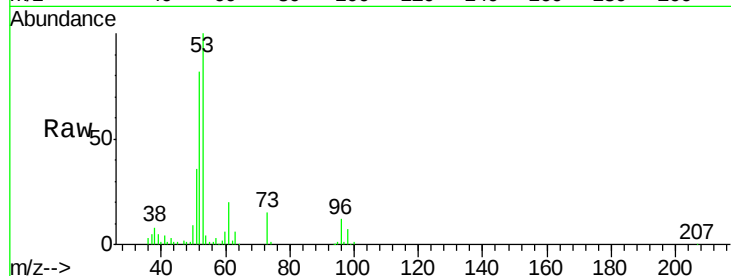
ClientSampleId :

WP021SB482-15-17-180619MS

Tot Ion:	53	Resp:	134265
Ion	Ratio	Lower	Upper
53	100		
52	82.6	66.6	100.0
51	36.7	30.6	46.0

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#16

Acetone

Concen: 337.73 ug/l

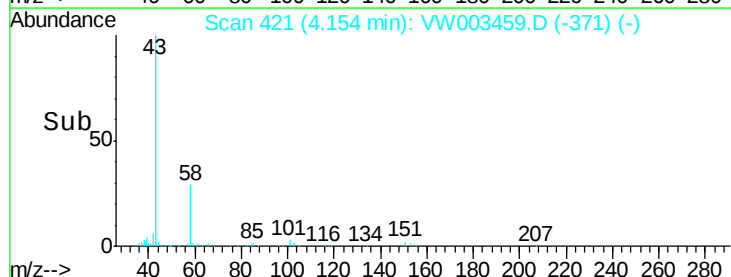
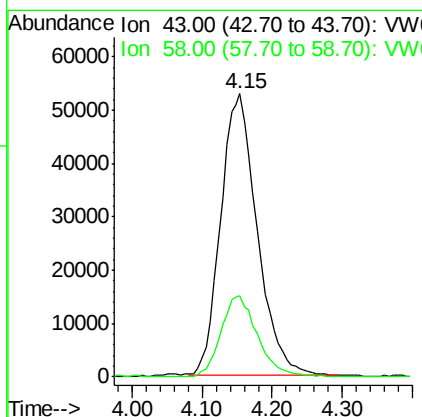
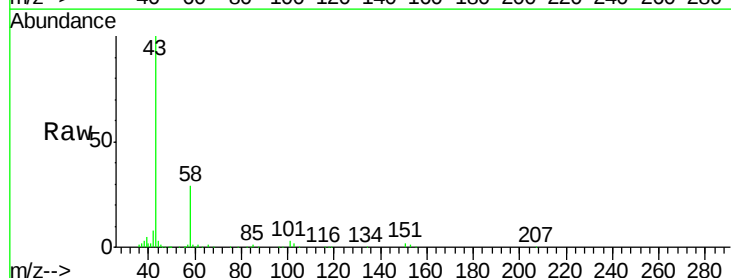
RT: 4.15 min Scan# 421

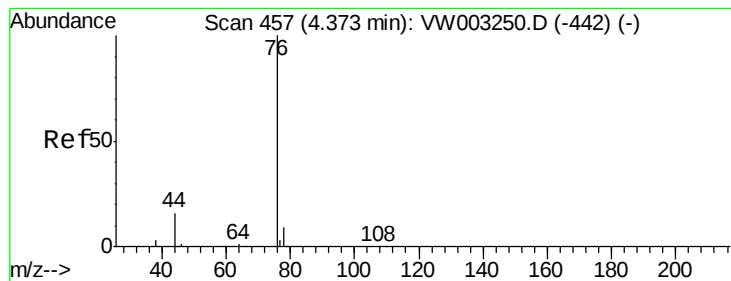
Delta R.T. 0.01 min

Lab File: VW003459.D

Acq: 23 Jun 2018 14:45

Tgt Ion:	43	Resp:	190498
Ion	Ratio	Lower	Upper
43	100		
58	28.8	22.6	34.0





#17

Carbon Disulfide

Concen: 47.33 ug/l

RT: 4.37 min Scan# 457

Delta R.T. 0.00 min

Lab File: VW003459.D

Acq: 23 Jun 2018 14:45

Tot Ion: 76 Resp: 314484

Ion Ratio Lower Upper

76 100

78 8.9 7.1 10.7

Instrument :

MSVOA_W

ClientSampleId :

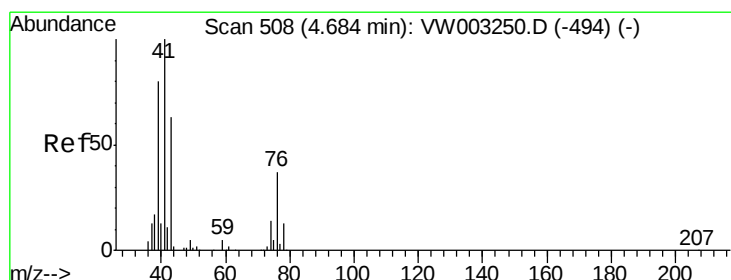
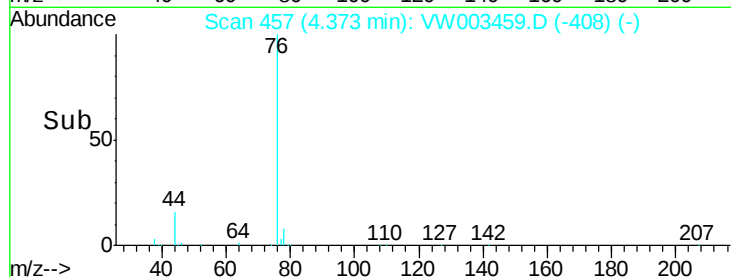
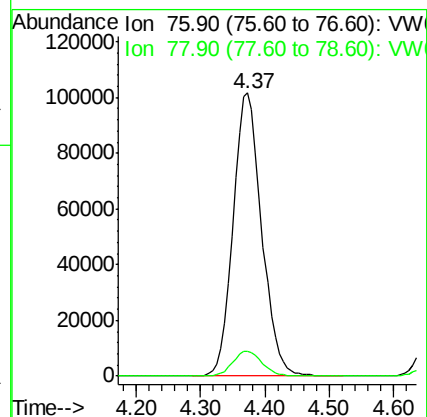
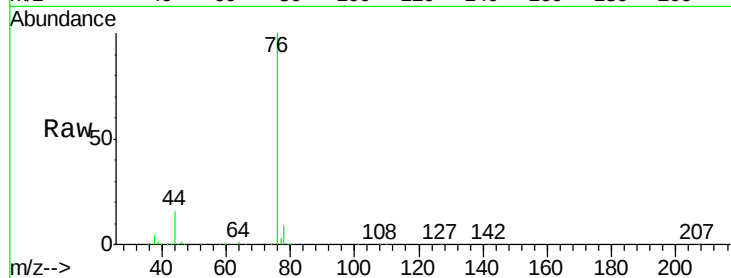
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#18

Methyl Acetate

Concen: 70.55 ug/l

RT: 4.68 min Scan# 508

Delta R.T. 0.00 min

Lab File: VW003459.D

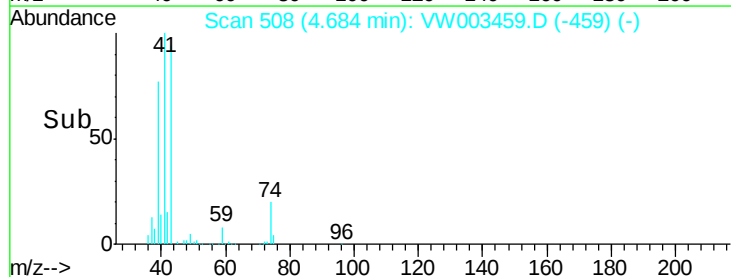
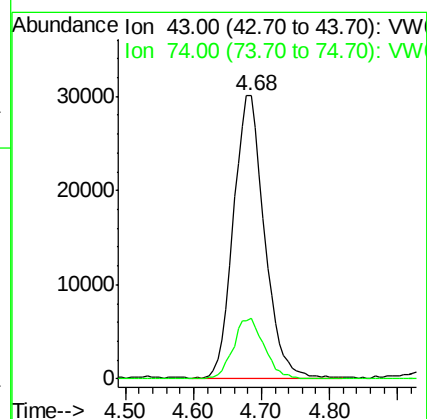
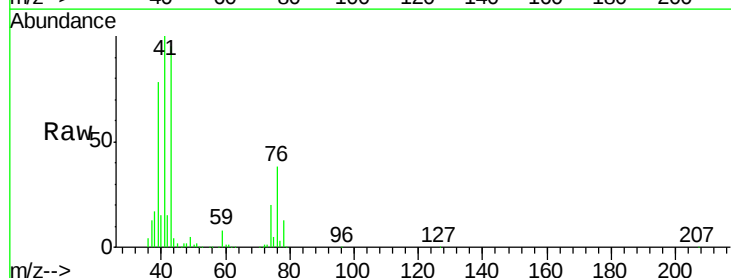
Acq: 23 Jun 2018 14:45

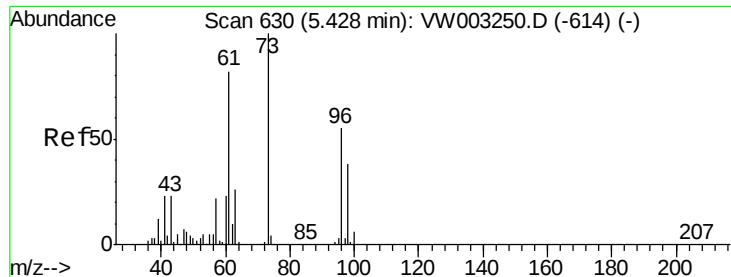
Tgt Ion: 43 Resp: 94399

Ion Ratio Lower Upper

43 100

74 21.5 18.7 28.1





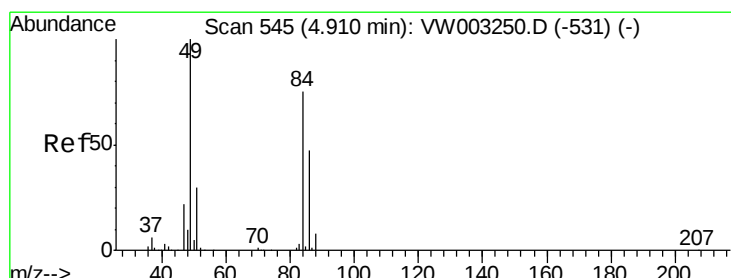
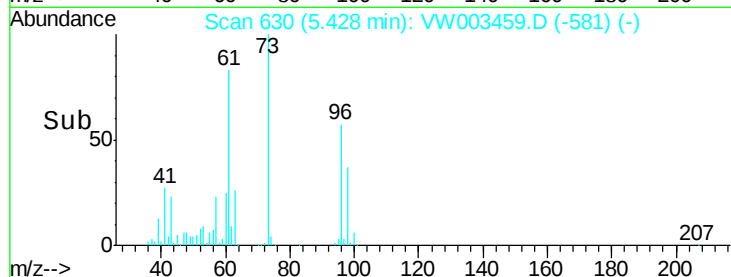
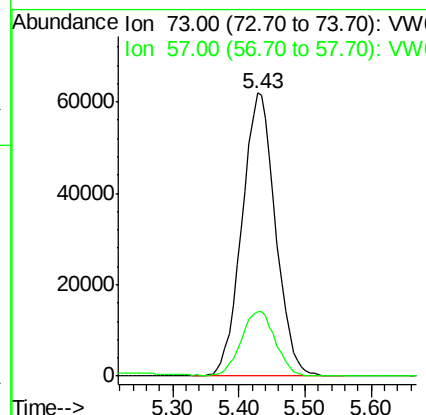
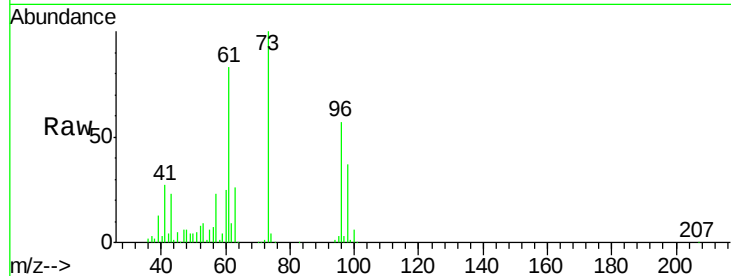
#19
Methvl tert-butvl Ether
Concen: 51.72 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.00 min
Lab File: VW003459.D
Acq: 23 Jun 2018 14:45

Instrument :
MSVOA_W
ClientSampleId :
WP021SB482-15-17-180619MS

Tot Ion: 73 Resp: 217739
Ion Ratio Lower Upper
73 100
57 22.8 18.0 27.0

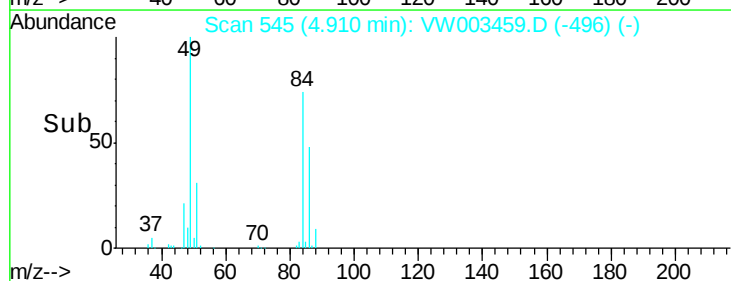
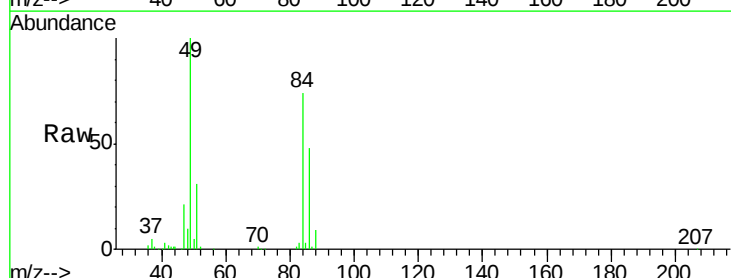
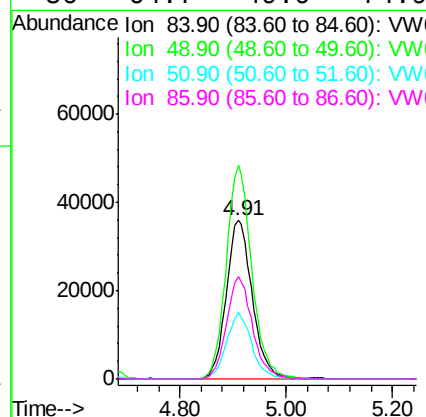
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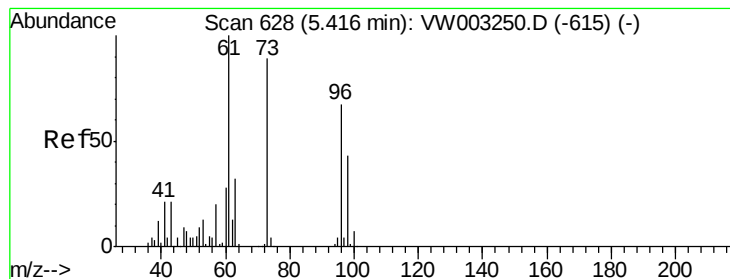
apatel
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#20
Methylene Chloride
Concen: 51.49 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003459.D
Acq: 23 Jun 2018 14:45

Tgt Ion: 84 Resp: 123106
Ion Ratio Lower Upper
84 100
49 135.1 106.3 159.5
51 41.7 32.0 48.0
86 64.7 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 47.05 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.00 min

Lab File: VW003459.D

Acq: 23 Jun 2018 14:45

Instrument :

MSVOA_W

ClientSampleId :

WP021SB482-15-17-180619MS

Tot Ion: 96 Resp: 115099

Ion Ratio Lower Upper

96 100

61 149.3 118.7 178.1

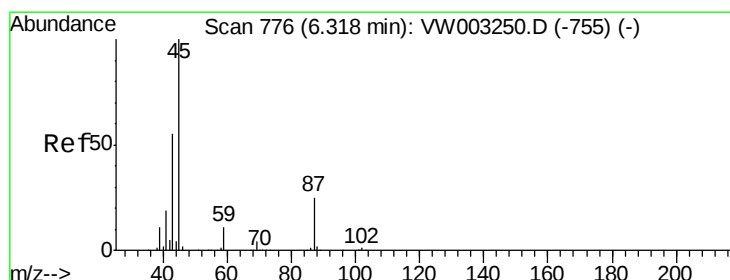
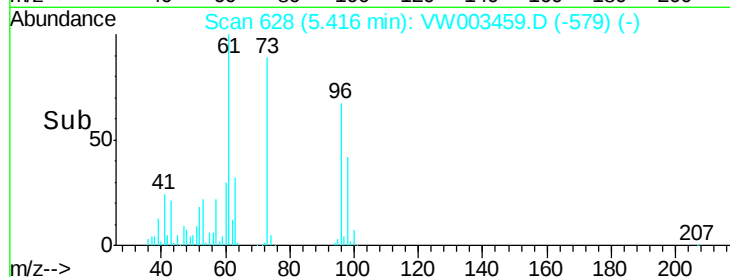
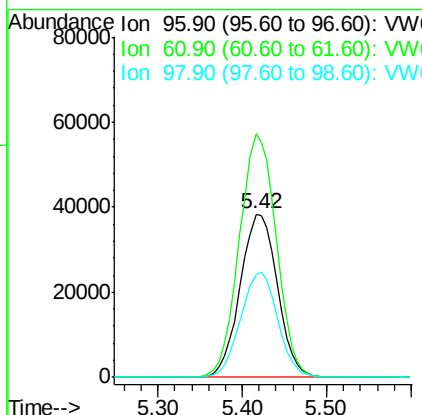
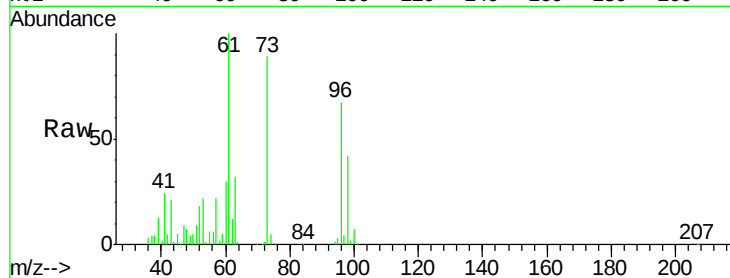
98 63.1 51.0 76.6

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#22

Diisopropyl ether

Concen: 49.88 ug/l

RT: 6.32 min Scan# 776

Delta R.T. 0.00 min

Lab File: VW003459.D

Acq: 23 Jun 2018 14:45

Tgt Ion: 45 Resp: 390859

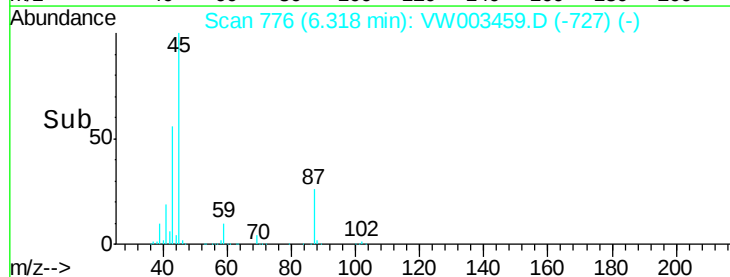
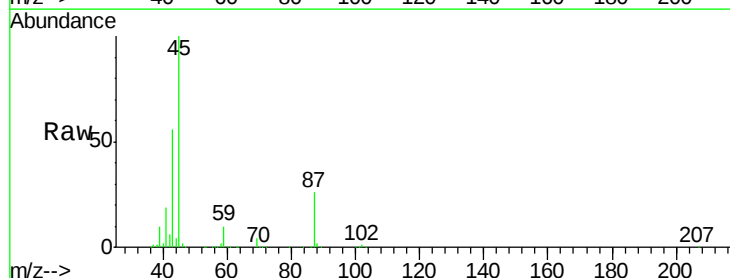
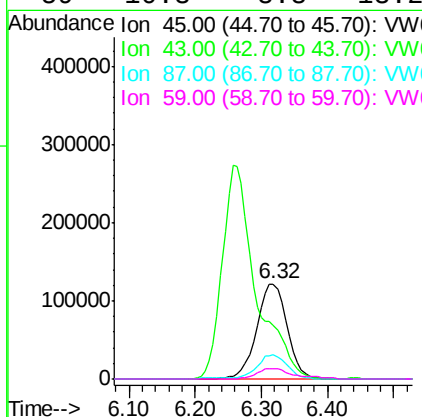
Ion Ratio Lower Upper

45 100

43 56.1 44.0 66.0

87 25.5 20.6 31.0

59 10.3 8.8 13.2





#23

Vinyl Acetate

Concen: 213.41 ug/l

RT: 6.26 min Scan# 766

Delta R.T. 0.00 min

Lab File: VW003459.D

Acq: 23 Jun 2018 14:45

Instrument :

MSVOA_W

ClientSampleId :

WP021SB482-15-17-180619MS

Tot Ion: 43 Resp: 963649

Ion Ratio Lower Upper

43 100

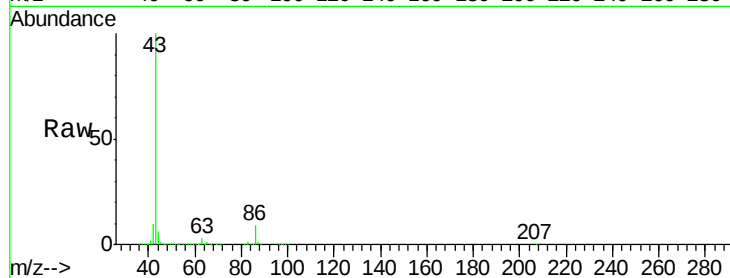
86 9.4 7.5 11.3

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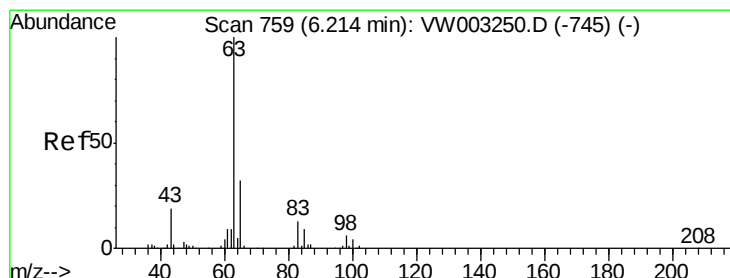
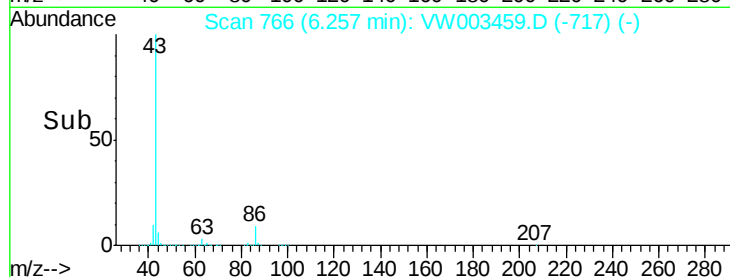
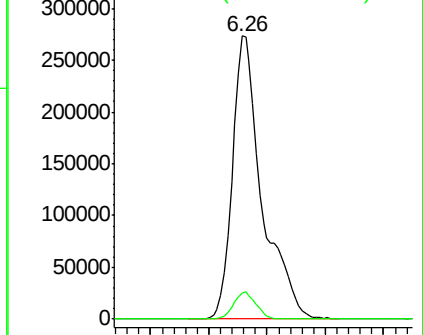
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 48.76 ug/l

RT: 6.21 min Scan# 759

Delta R.T. 0.00 min

Lab File: VW003459.D

Acq: 23 Jun 2018 14:45

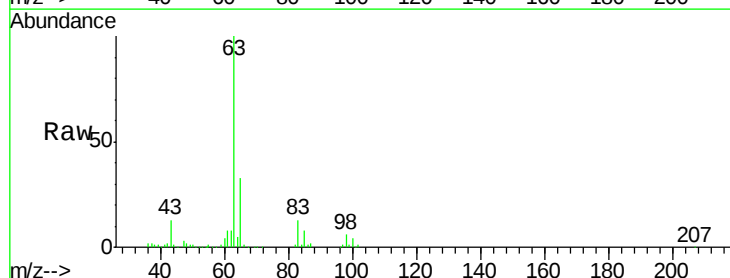
Tgt Ion: 63 Resp: 226838

Ion Ratio Lower Upper

63 100

98 6.1 2.8 8.3

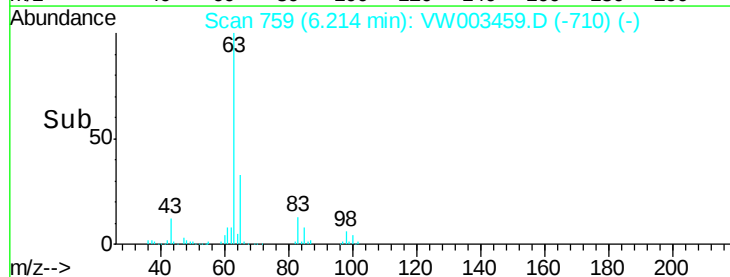
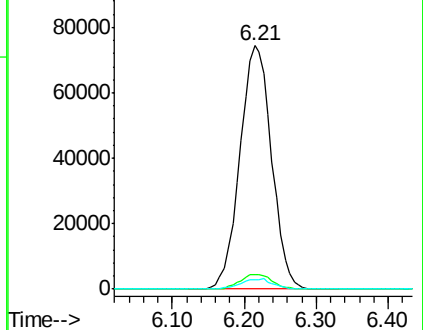
100 3.6 2.1 6.5

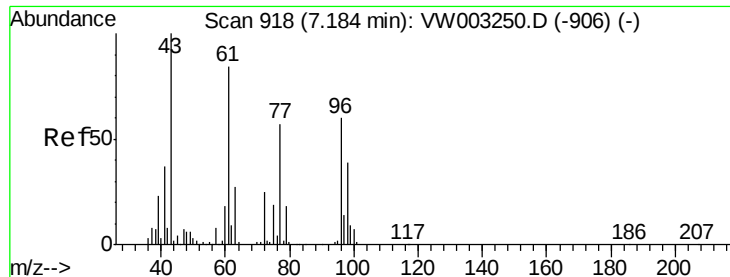


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 298.45 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.00 min

Lab File: VW003459.D

Acq: 23 Jun 2018 14:45

Instrument :

MSVOA_W

ClientSampleId :

WP021SB482-15-17-180619MS

Tot Ion: 43 Resp: 209326

Ion Ratio Lower Upper

43 100

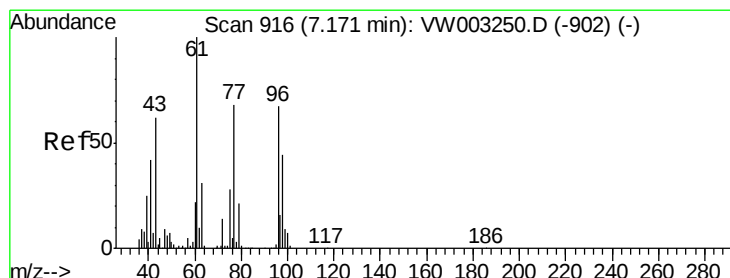
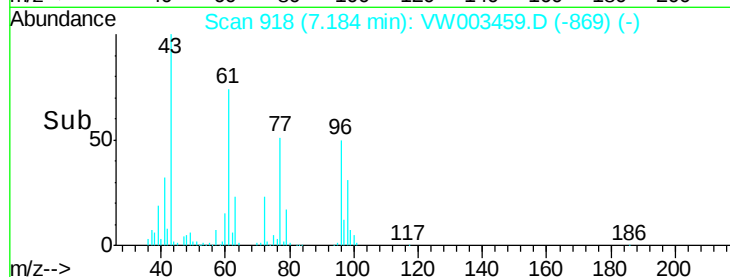
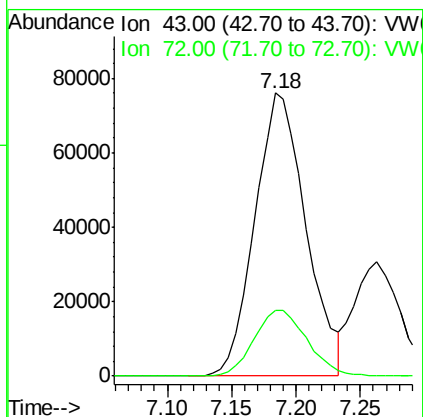
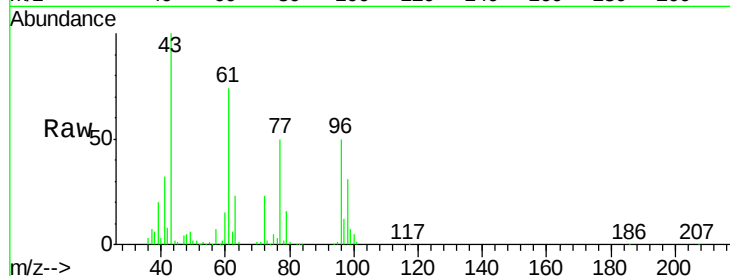
72 23.4 20.3 30.5

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 47.28 ug/l

RT: 7.17 min Scan# 916

Delta R.T. 0.00 min

Lab File: VW003459.D

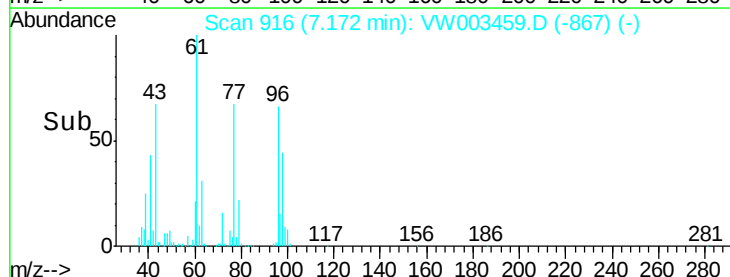
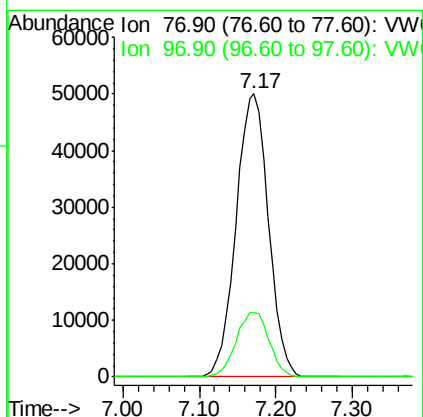
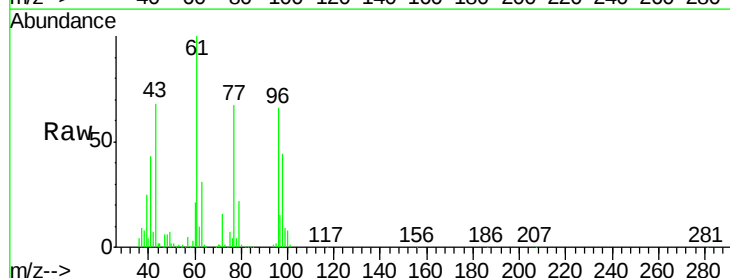
Acq: 23 Jun 2018 14:45

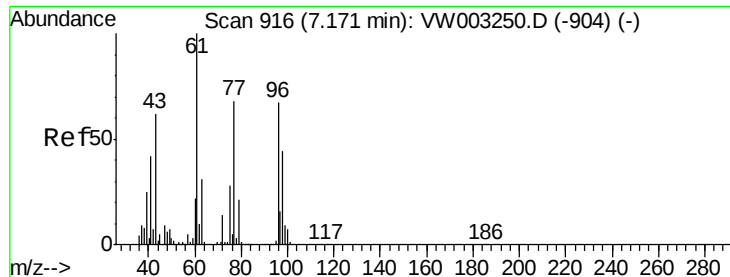
Tgt Ion: 77 Resp: 146773

Ion Ratio Lower Upper

77 100

97 23.3 11.3 33.9





#27

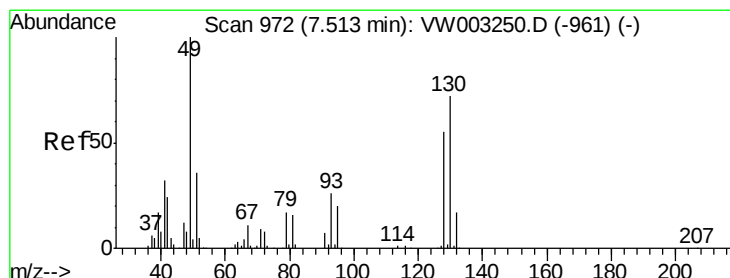
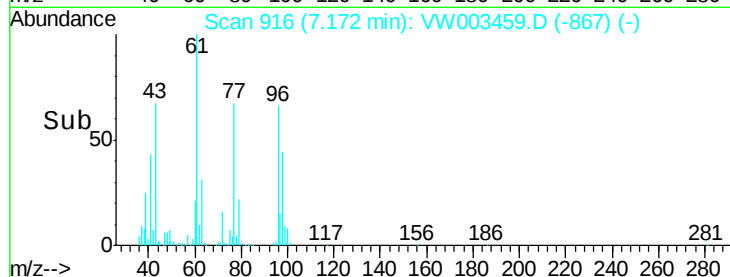
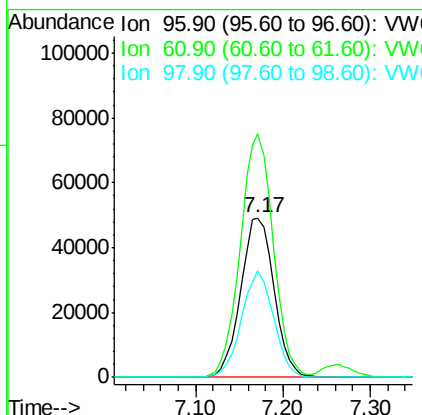
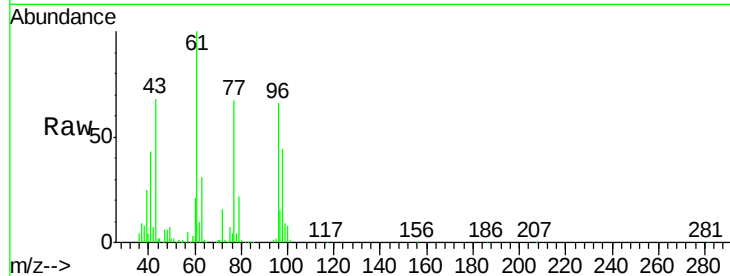
cis-1,2-Dichloroethene
Concen: 48.54 ug/l
RT: 7.17 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW003459.D
Acq: 23 Jun 2018 14:45

Instrument :
MSVOA_W
ClientSampleId :
WP021SB482-15-17-180619MS

Tot Ion	Ratio	Lower	Upper
96	100		
61	150.9	0.0	298.8
98	64.1	0.0	130.4

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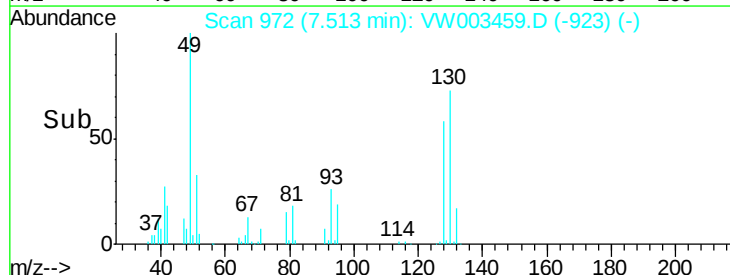
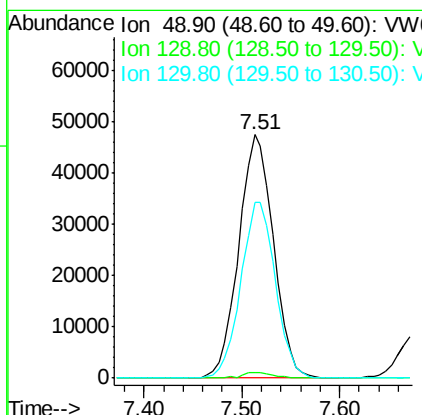
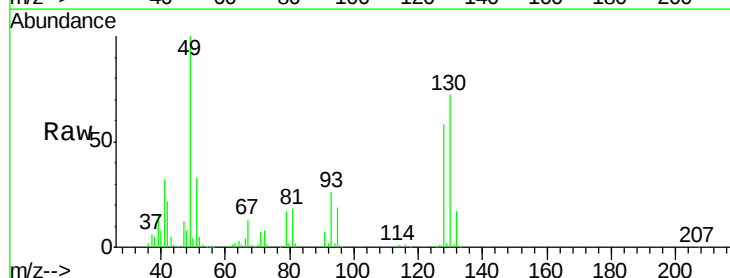
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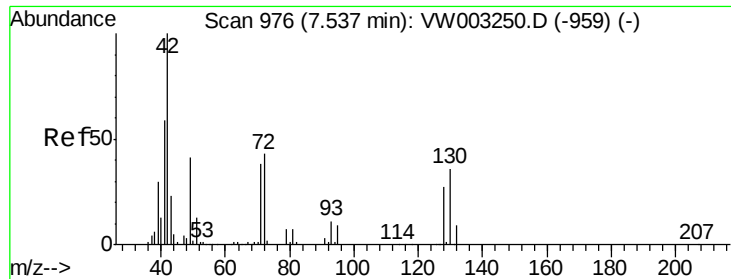


#28

Bromochloromethane
Concen: 60.31 ug/l
RT: 7.51 min Scan# 972
Delta R.T. 0.00 min
Lab File: VW003459.D
Acq: 23 Jun 2018 14:45

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.6
130	72.3	59.4	89.2





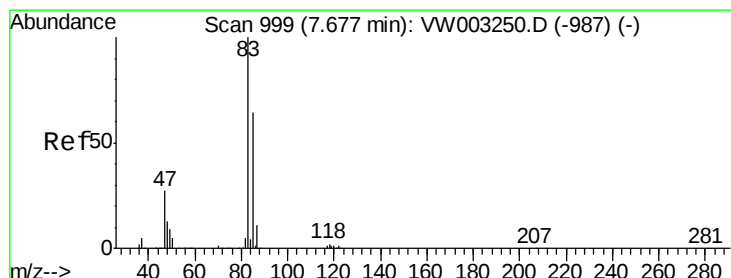
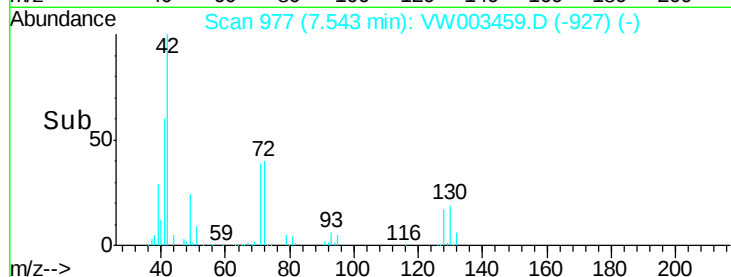
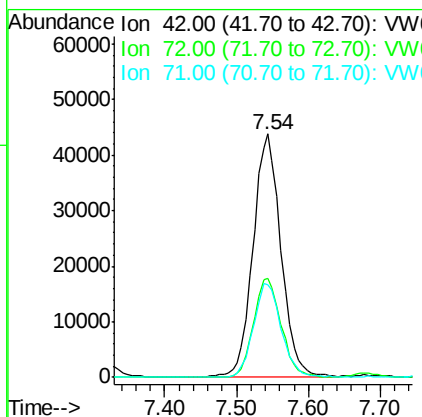
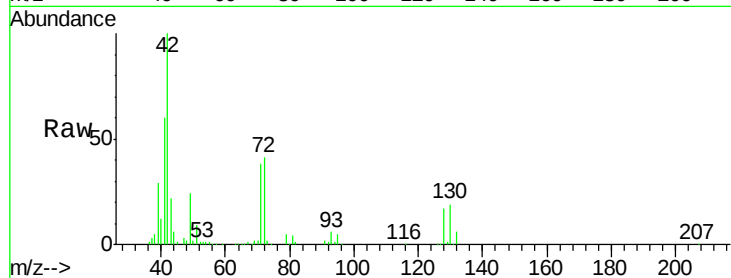
#29
Tetrahydrofuran
Concen: 274.25 ug/l
RT: 7.54 min Scan# 977
Delta R.T. 0.01 min
Lab File: VW003459.D
Acq: 23 Jun 2018 14:45

Instrument :
MSVOA_W
ClientSampleId :
WP021SB482-15-17-180619MS

Tot Ion:	42	Resp:	117559
Ion Ratio		Lower	Upper
42	100		
72	40.3	32.4	48.6
71	38.7	31.2	46.8

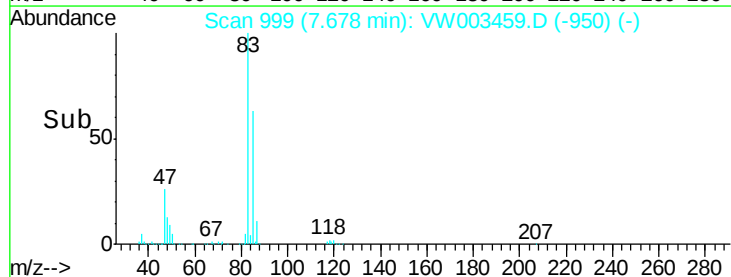
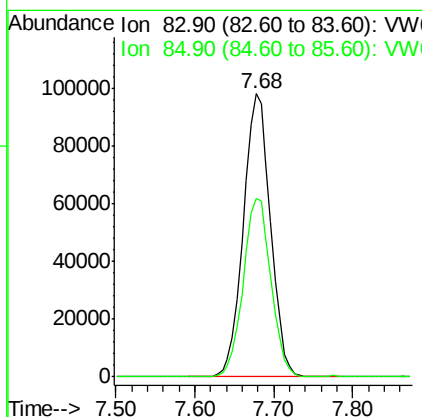
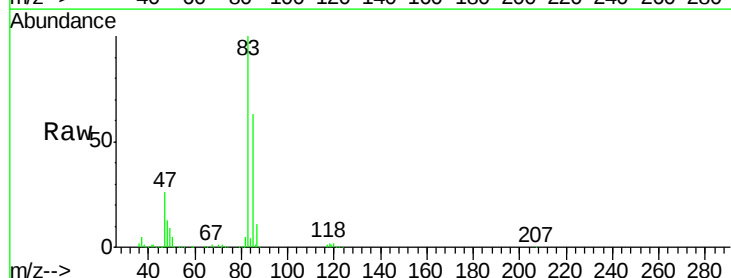
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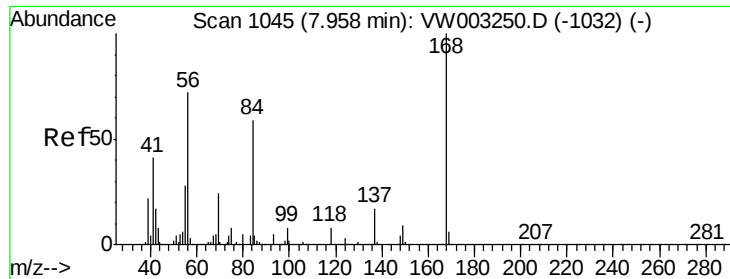
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#30
Chloroform
Concen: 49.47 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW003459.D
Acq: 23 Jun 2018 14:45

Tgt Ion:	83	Resp:	234449
Ion Ratio		Lower	Upper
83	100		
85	63.2	51.3	76.9





#31

Cyclohexane

Concen: 45.72 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. 0.00 min

Lab File: VW003459.D

Acq: 23 Jun 2018 14:45

Instrument :

MSVOA_W

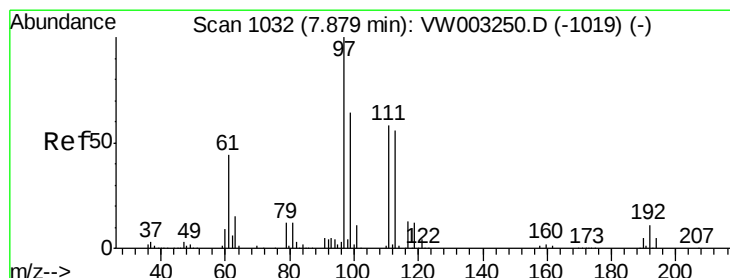
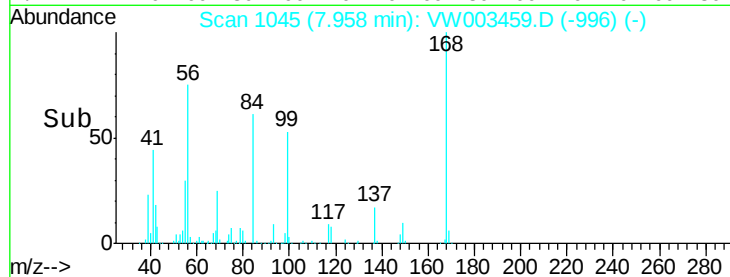
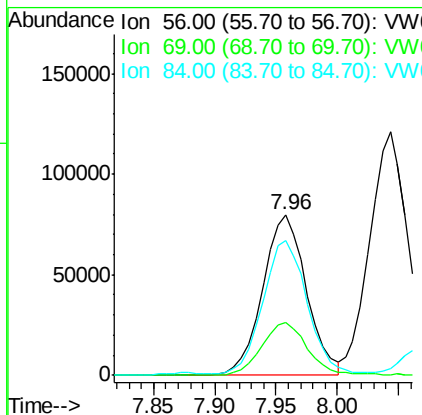
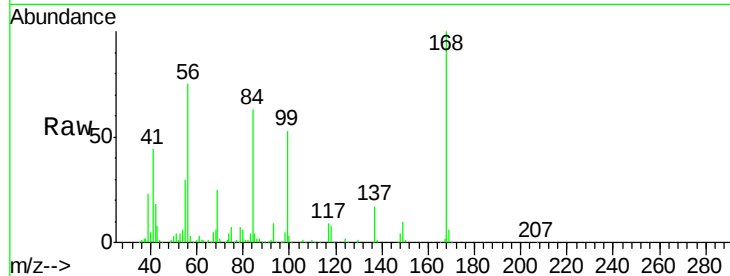
ClientSampleId :

WP021SB482-15-17-180619MS

Tot Ion:	56	Resp:	198668
Ion	Ratio	Lower	Upper
56	100		
69	33.0	26.3	39.5
84	82.3	65.7	98.5

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#32

1,1,1-Trichloroethane

Concen: 48.33 ug/l

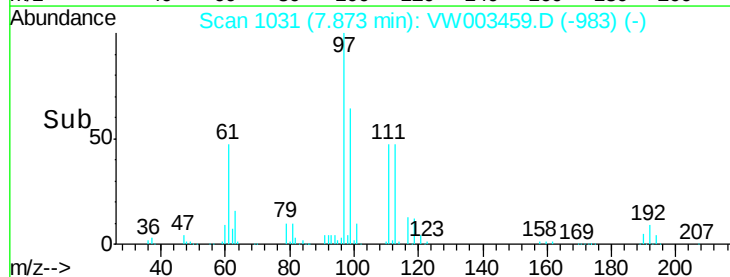
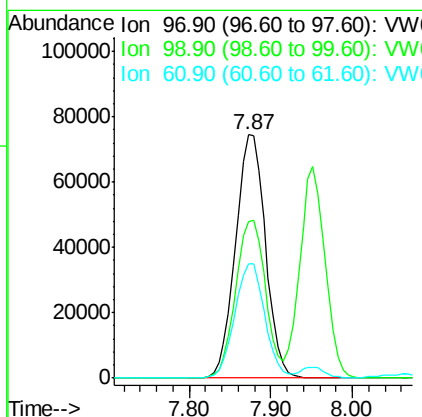
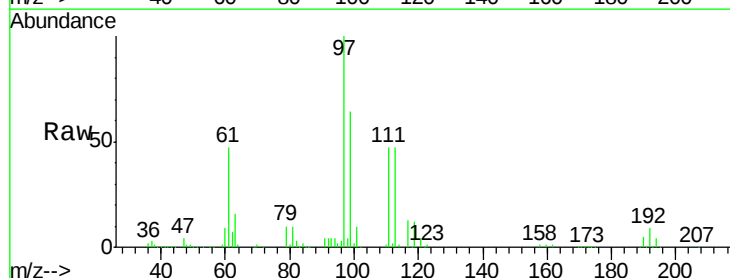
RT: 7.87 min Scan# 1031

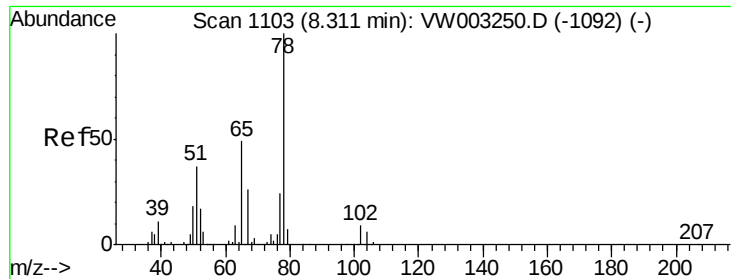
Delta R.T. -0.01 min

Lab File: VW003459.D

Acq: 23 Jun 2018 14:45

Tgt Ion:	97	Resp:	189063
Ion	Ratio	Lower	Upper
97	100		
99	65.3	51.7	77.5
61	47.0	37.6	56.4





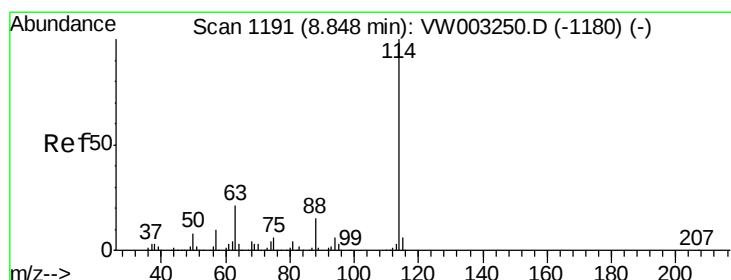
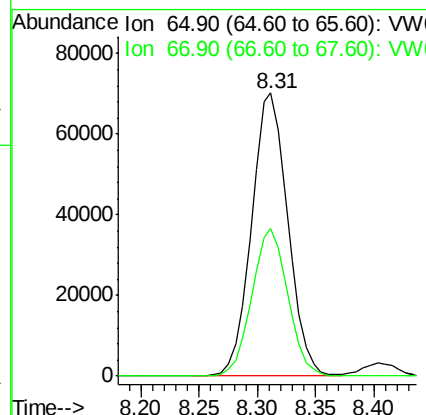
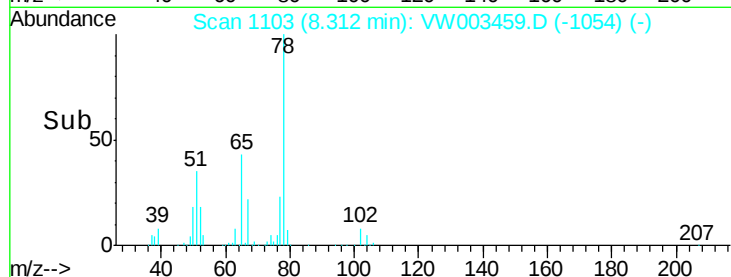
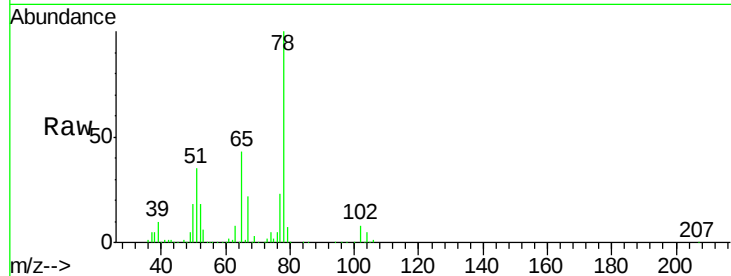
#33
 1,2-Dichloroethane-d4
 Concen: 56.75 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW003459.D
 Acq: 23 Jun 2018 14:45

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB482-15-17-180619MS

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	51.6	0.0	104.2	

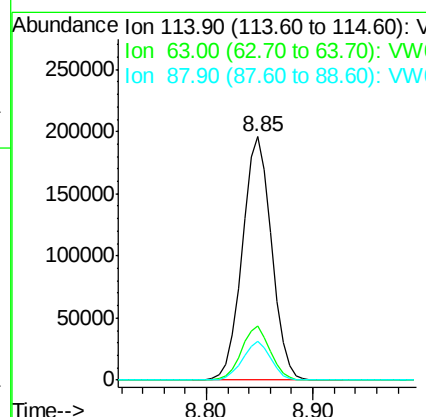
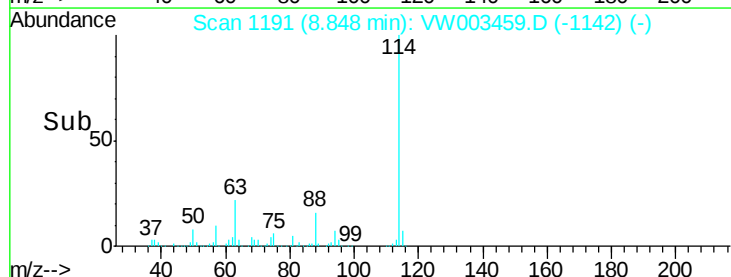
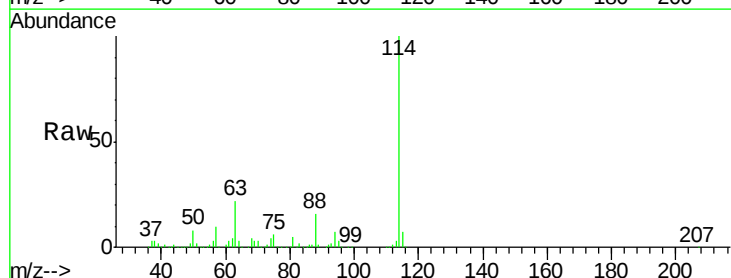
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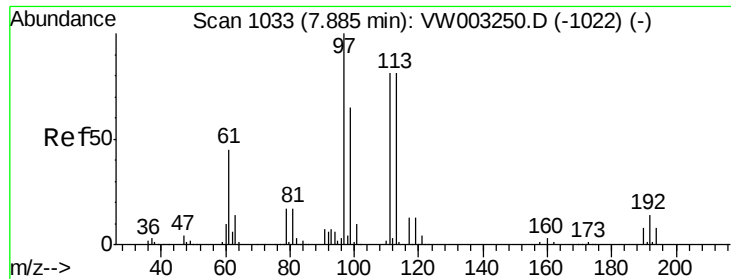
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003459.D
 Acq: 23 Jun 2018 14:45

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	22.1	0.0	43.0	
88	16.0	0.0	29.6	





#35

Dibromofluoromethane

Concen: 56.23 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. 0.00 min

Lab File: VW003459.D

Acq: 23 Jun 2018 14:45

Instrument :

MSVOA_W

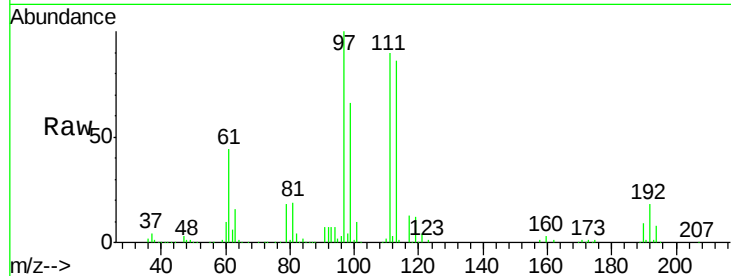
ClientSampleId :

WP021SB482-15-17-180619MS

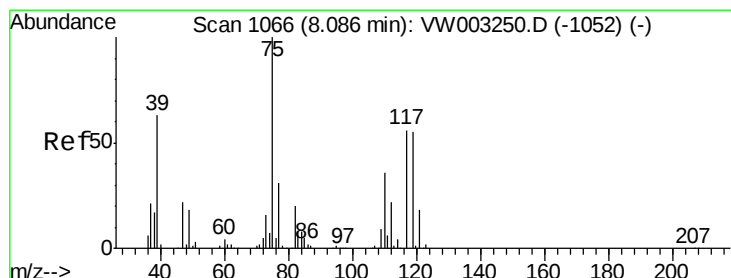
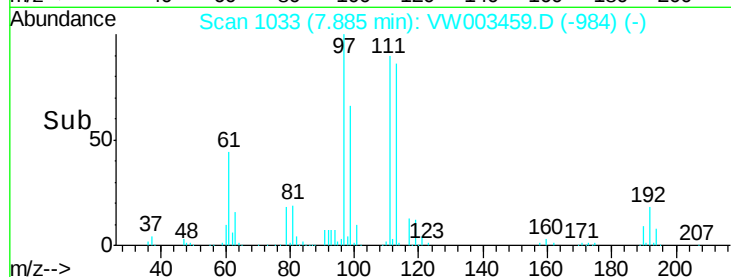
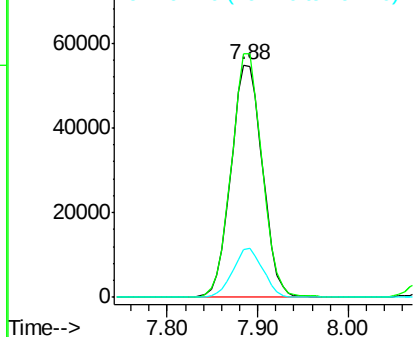
Tot Ion:	113	Resp:	132161
Ion Ratio	Lower	Upper	
113	100		
111	102.1	82.2	123.2
192	20.2	16.2	24.2

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Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 49.93 ug/l

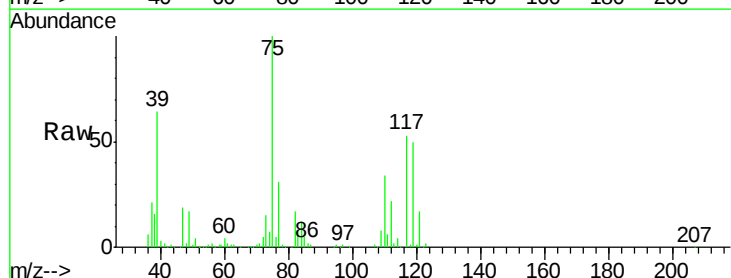
RT: 8.09 min Scan# 1066

Delta R.T. 0.00 min

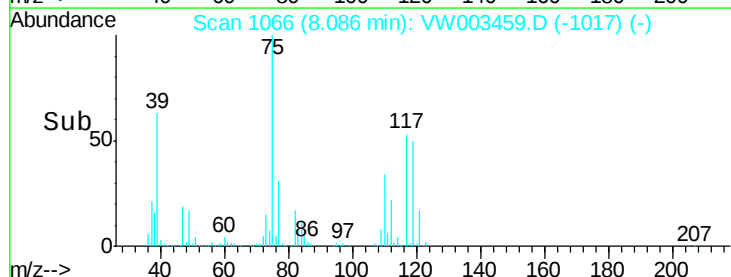
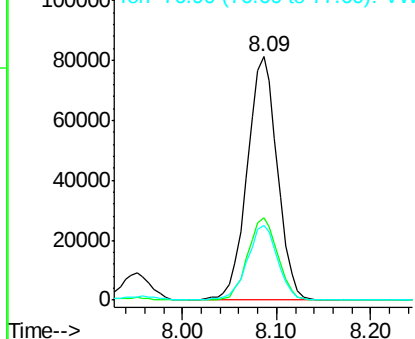
Lab File: VW003459.D

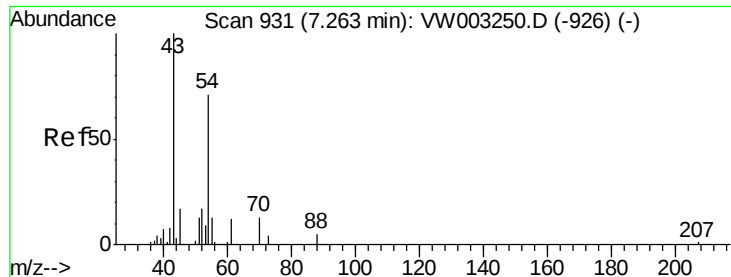
Acq: 23 Jun 2018 14:45

Tgt Ion:	75	Resp:	182396
Ion Ratio	Lower	Upper	
75	100		
110	33.6	17.1	51.3
77	30.9	24.9	37.3



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VW





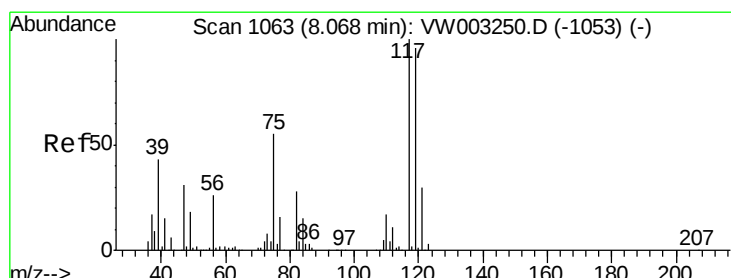
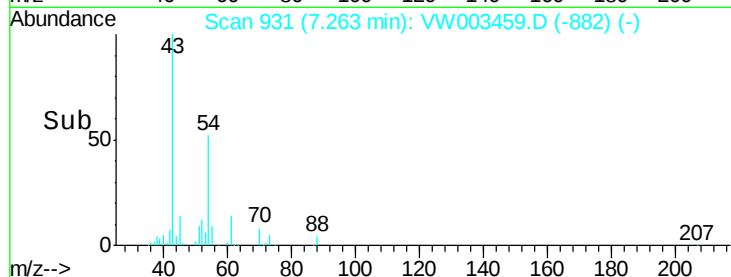
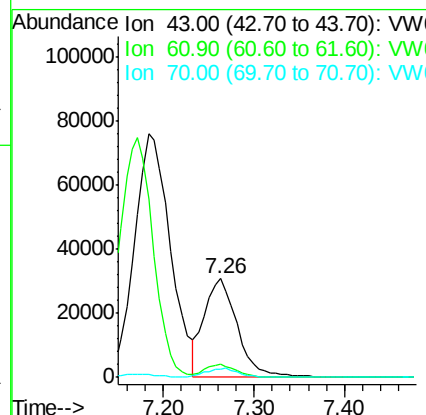
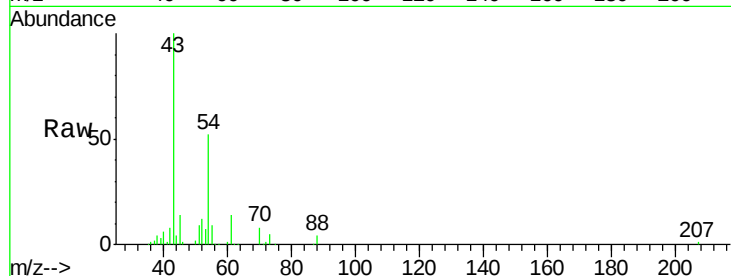
#37
Ethyl Acetate
Concen: 51.88 ug/l
RT: 7.26 min Scan# 931
Delta R.T. 0.00 min
Lab File: VW003459.D
Acq: 23 Jun 2018 14:45

Instrument :
MSVOA_W
ClientSampleId :
WP021SB482-15-17-180619MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.6	10.8	16.2
70	9.2	7.8	11.6

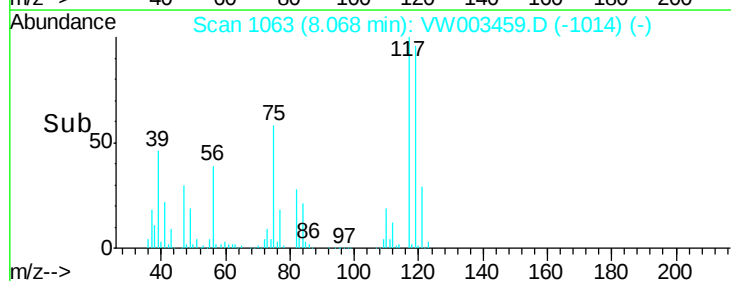
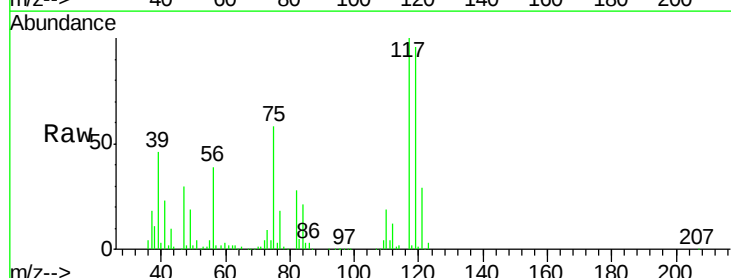
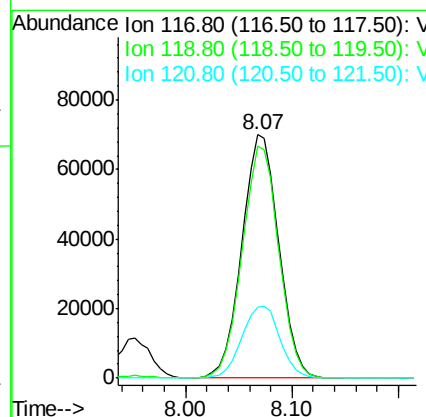
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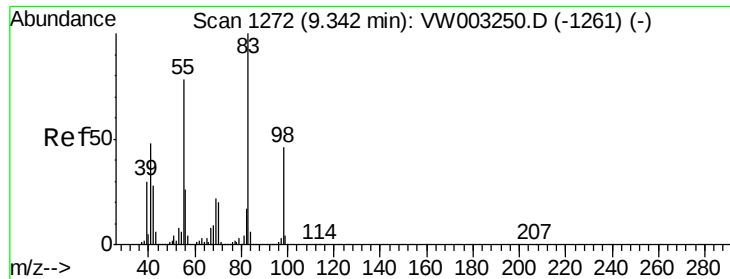
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#38
Carbon Tetrachloride
Concen: 47.53 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW003459.D
Acq: 23 Jun 2018 14:45

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.5	76.6	115.0
121	29.2	23.9	35.9





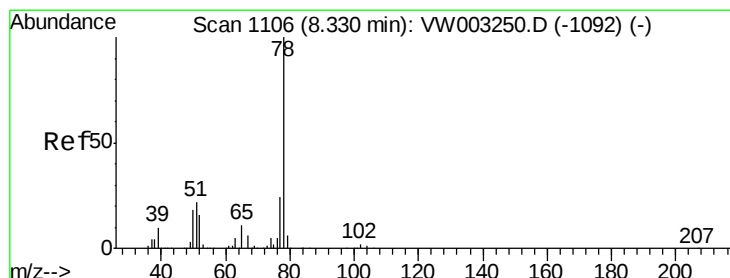
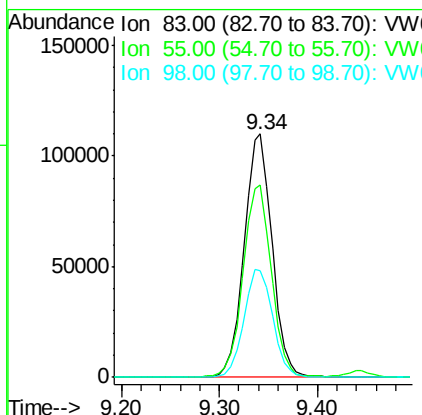
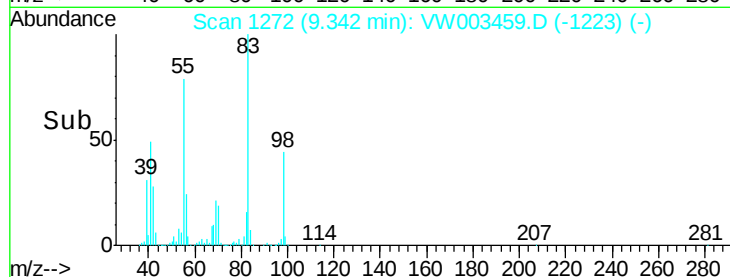
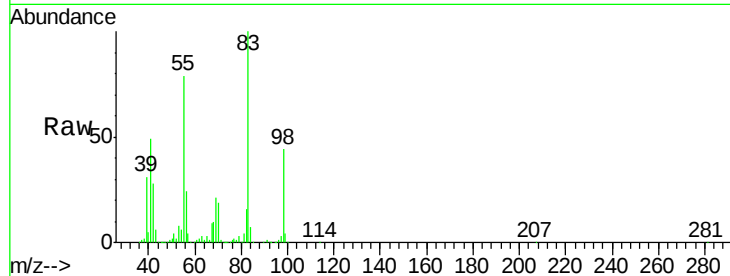
#39
Methvlcvclohexane
Concen: 51.36 ug/l
RT: 9.34 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VW003459.D
Acq: 23 Jun 2018 14:45

Instrument :
MSVOA_W
ClientSampleId :
WP021SB482-15-17-180619MS

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.8	62.6	93.8
98	43.7	37.0	55.4

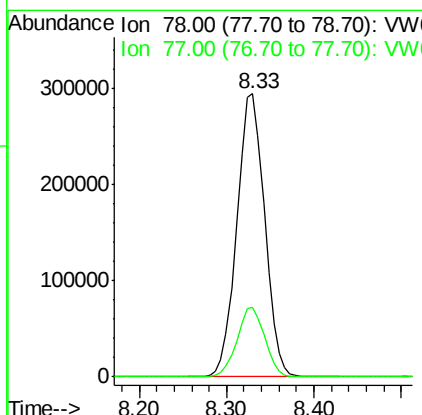
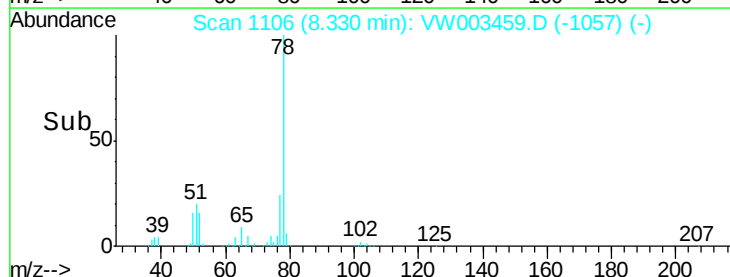
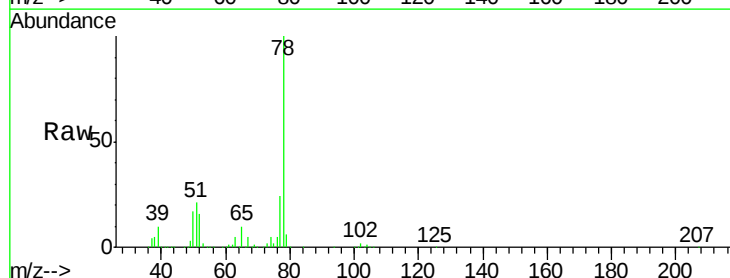
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#40
Benzene
Concen: 64.48 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VW003459.D
Acq: 23 Jun 2018 14:45

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.5	19.0	28.6





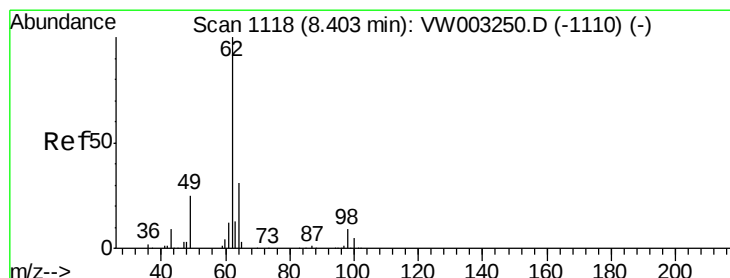
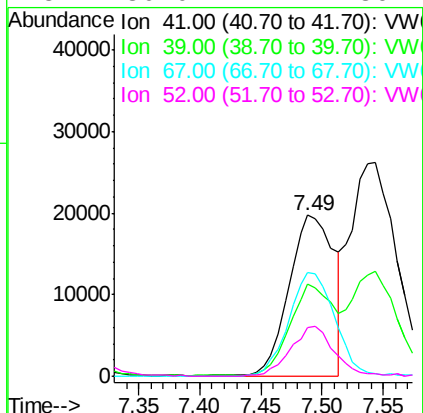
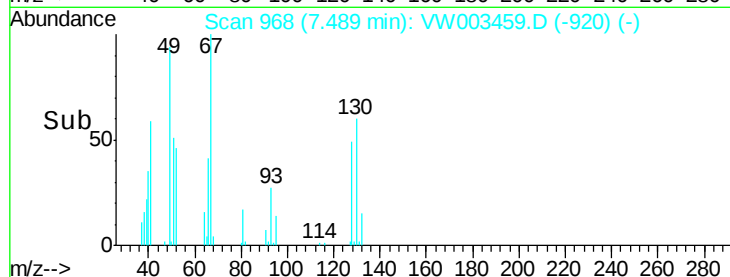
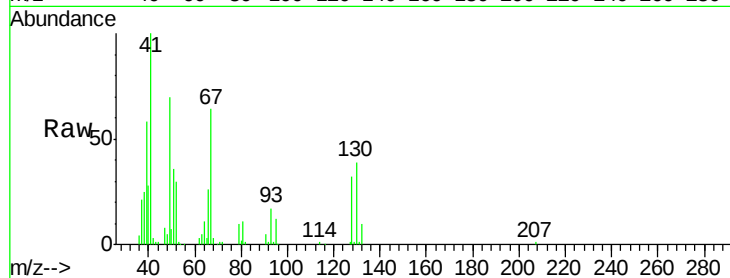
#41
Methacrylonitrile
Concen: 54.58 ug/l
RT: 7.49 min Scan# 968
Delta R.T. -0.01 min
Lab File: VW003459.D
Acq: 23 Jun 2018 14:45

Instrument :
MSVOA_W
ClientSampleId :
WP021SB482-15-17-180619MS

Tot Ion	Ratio	Lower	Upper
41	100		
39	54.4	45.8	68.8
67	65.9	52.3	78.5
52	30.0	24.1	36.1

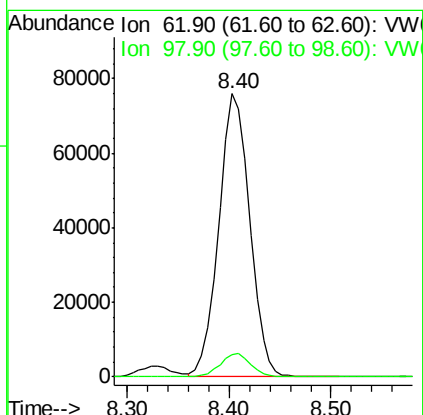
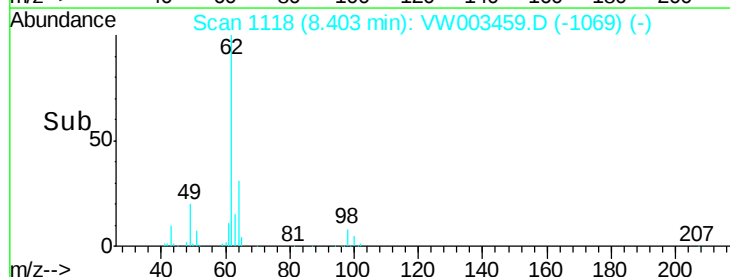
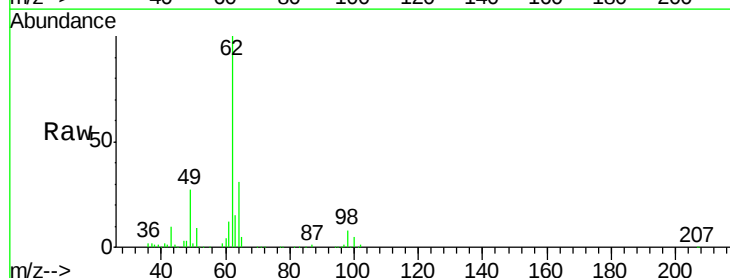
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#42
1,2-Dichloroethane
Concen: 50.80 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW003459.D
Acq: 23 Jun 2018 14:45

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	17.2





#43

Isopropyl Acetate

Concen: 53.03 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VW003459.D

Acq: 23 Jun 2018 14:45

Instrument :

MSVOA_W

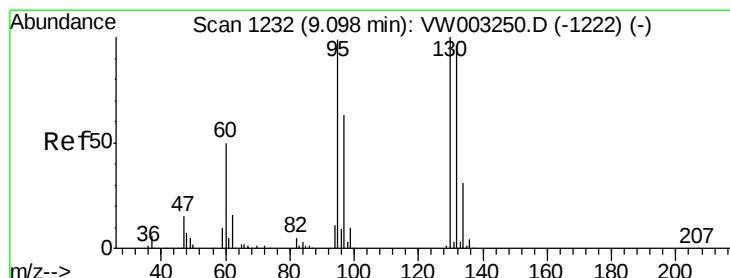
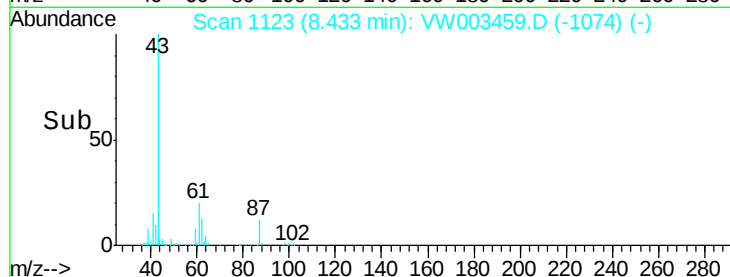
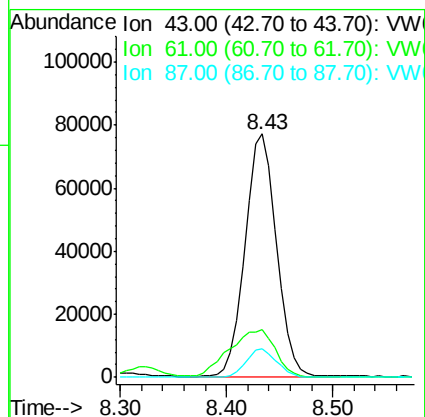
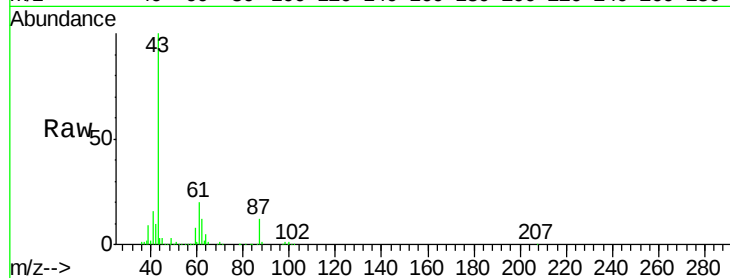
ClientSampleId :

WP021SB482-15-17-180619MS

Tot Ion:	43	Resp:	159344
Ion	Ratio	Lower	Upper
43	100		
61	28.9	23.1	34.7
87	11.6	9.8	14.6

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#44

Trichloroethene

Concen: 49.78 ug/l

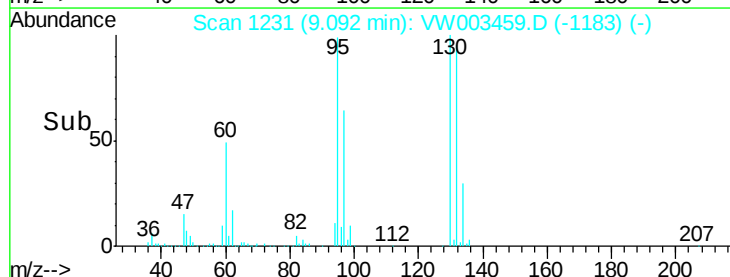
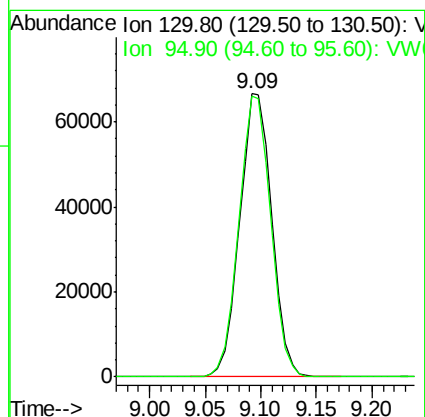
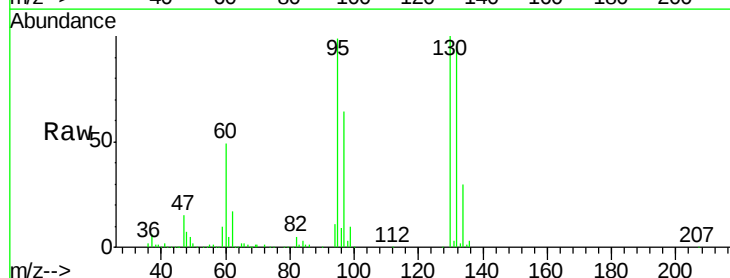
RT: 9.09 min Scan# 1231

Delta R.T. -0.01 min

Lab File: VW003459.D

Acq: 23 Jun 2018 14:45

Tgt Ion:	130	Resp:	132811
Ion	Ratio	Lower	Upper
130	100		
95	99.1	0.0	198.0





#45

1,2-Dichloropropane

Concen: 50.87 ug/l

RT: 9.37 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VW003459.D

Acq: 23 Jun 2018 14:45

Instrument :

MSVOA_W

ClientSampleId :

WP021SB482-15-17-180619MS

Tot Ion: 63 Resp: 130415

Ion Ratio Lower Upper

63 100

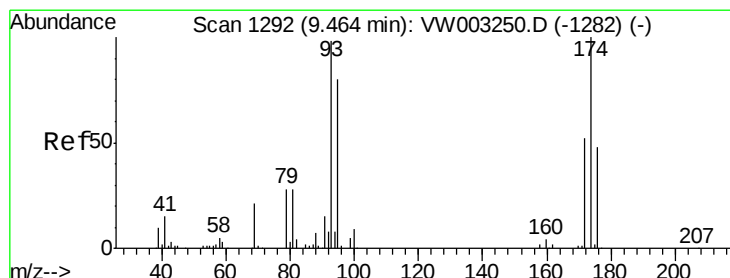
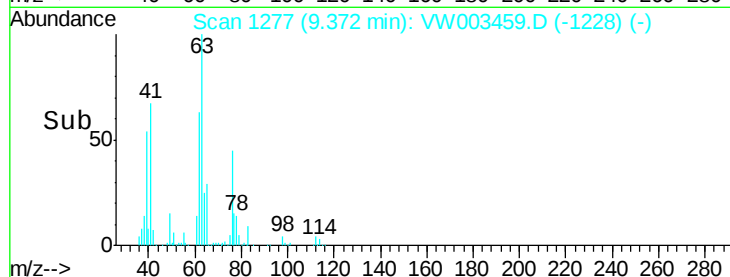
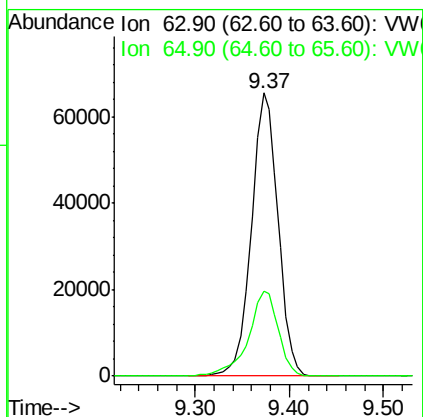
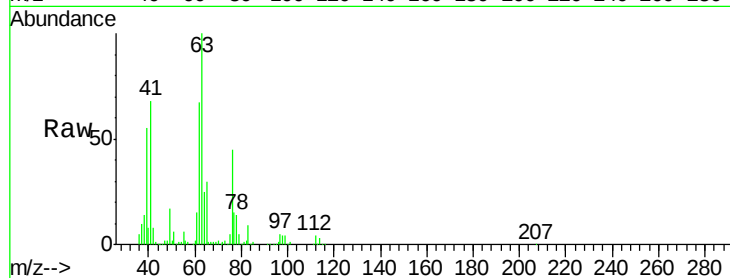
65 29.9 25.1 37.7

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#46

Dibromomethane

Concen: 52.71 ug/l

RT: 9.46 min Scan# 1292

Delta R.T. 0.00 min

Lab File: VW003459.D

Acq: 23 Jun 2018 14:45

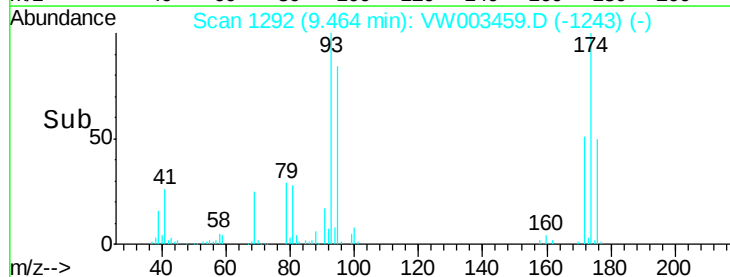
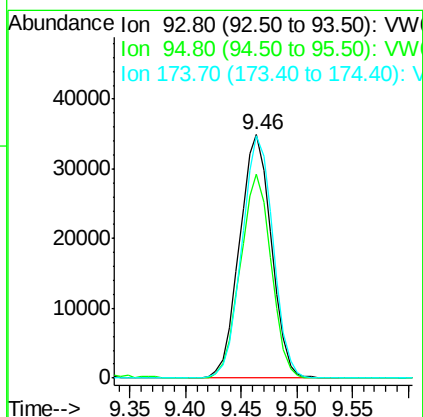
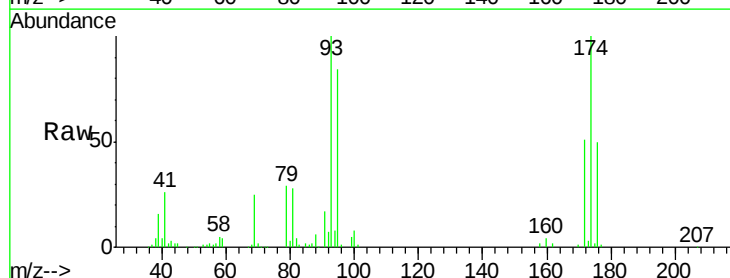
Tgt Ion: 93 Resp: 69186

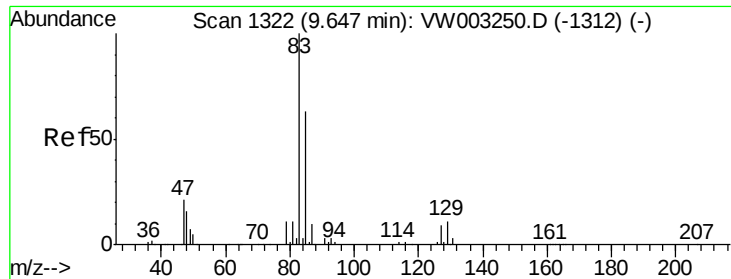
Ion Ratio Lower Upper

93 100

95 81.5 65.8 98.8

174 97.8 81.4 122.0





#47

Bromodichloromethane

Concen: 49.70 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW003459.D

Acq: 23 Jun 2018 14:45

Instrument :

MSVOA_W

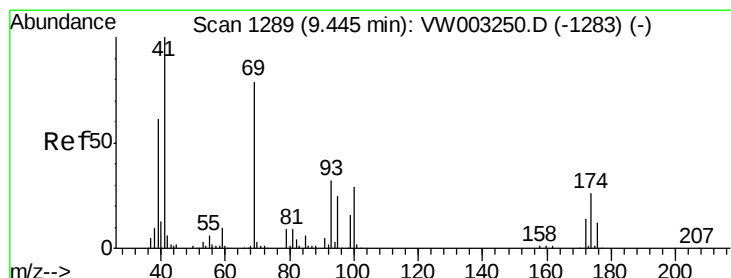
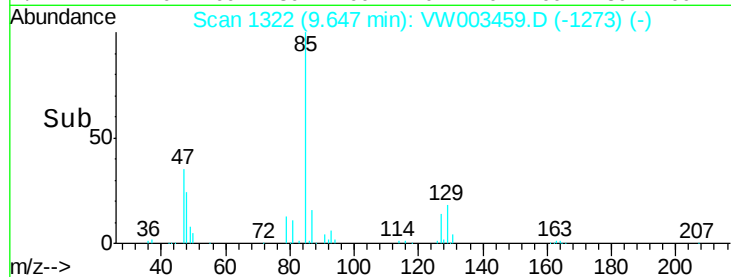
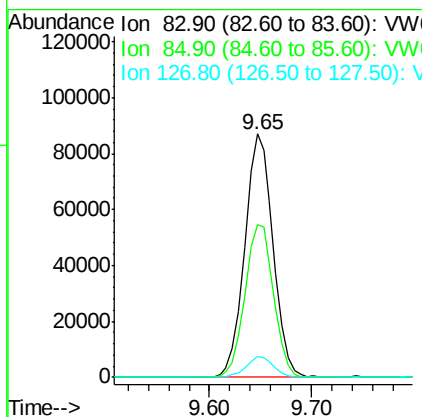
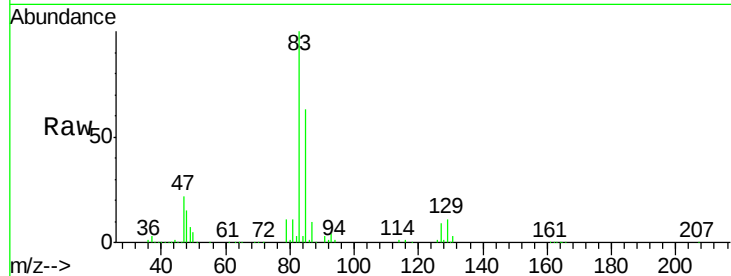
ClientSampleId :

WP021SB482-15-17-180619MS

Tot Ion:	83	Resp:	167226
Ion Ratio	Lower	Upper	
83	100		
85	62.8	50.6	75.8
127	8.5	6.8	10.2

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#48

Methyl methacrylate

Concen: 56.03 ug/l

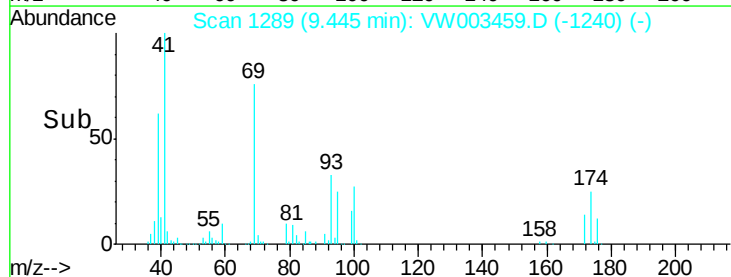
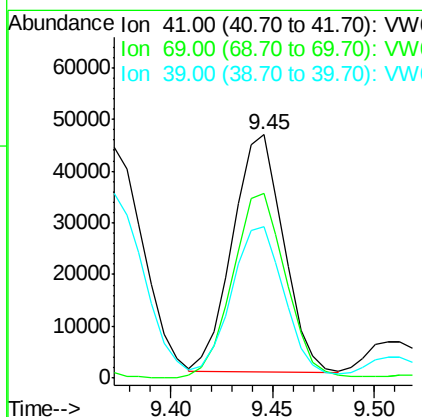
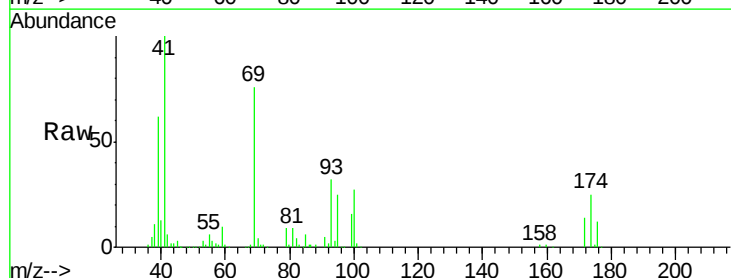
RT: 9.45 min Scan# 1289

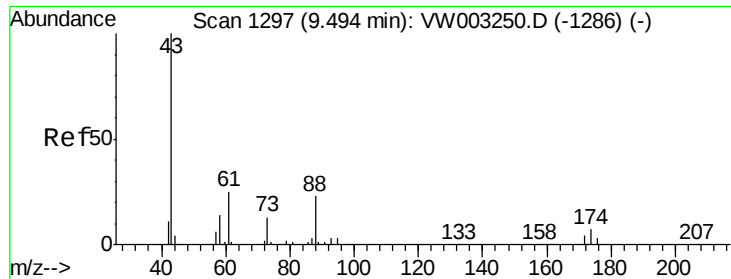
Delta R.T. 0.00 min

Lab File: VW003459.D

Acq: 23 Jun 2018 14:45

Tgt Ion:	41	Resp:	79127
Ion Ratio	Lower	Upper	
41	100		
69	82.4	65.4	98.2
39	67.3	54.2	81.2





#49

1,4-Dioxane

Concen: 1041.61 ug/l

RT: 9.49 min Scan# 1297

Delta R.T. 0.00 min

Lab File: VW003459.D

Acq: 23 Jun 2018 14:45

Instrument :

MSVOA_W

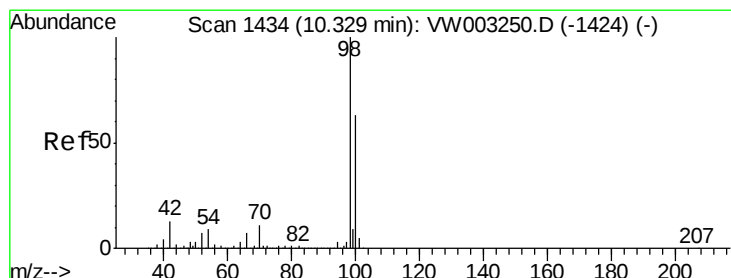
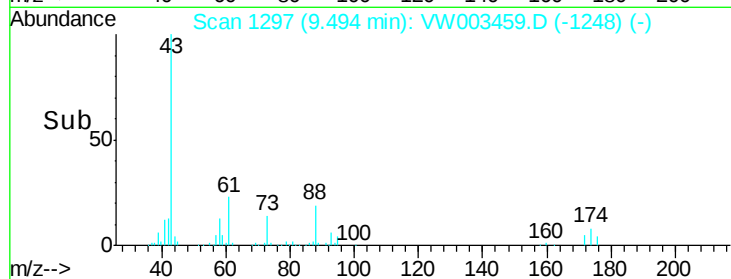
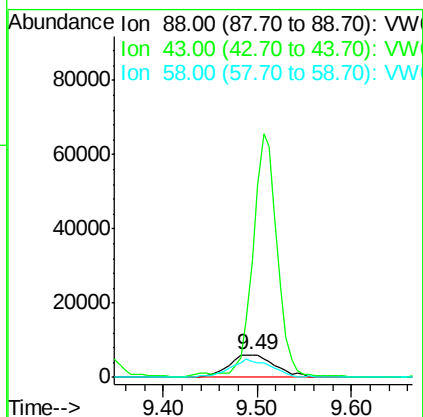
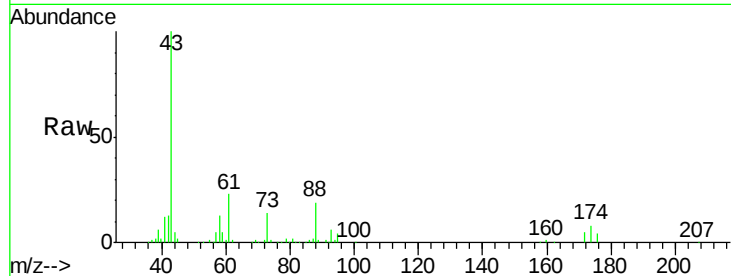
ClientSampleId :

WP021SB482-15-17-180619MS

Tot Ion	88	Resp	20644
Ion	Ratio	Lower	Upper
88	100		
43	560.4	454.7	682.1
58	75.5	58.6	88.0

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#50

Toluene-d8

Concen: 56.63 ug/l

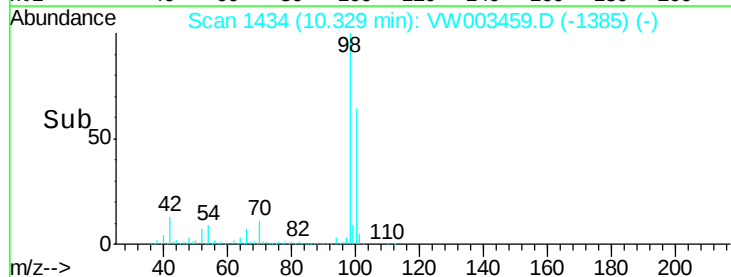
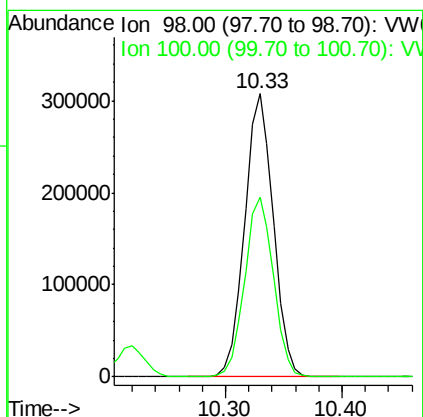
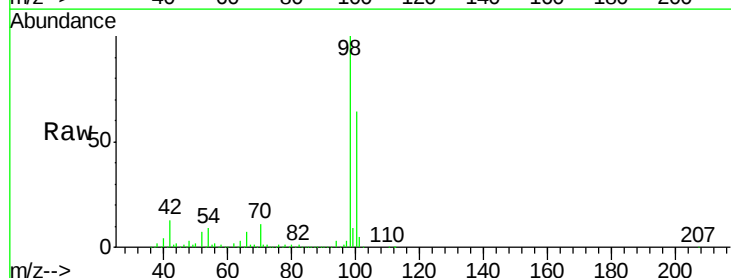
RT: 10.33 min Scan# 1434

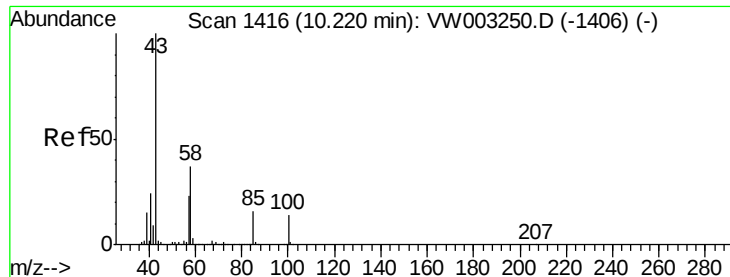
Delta R.T. 0.00 min

Lab File: VW003459.D

Acq: 23 Jun 2018 14:45

Tgt Ion	98	Resp	527804
Ion	Ratio	Lower	Upper
98	100		
100	63.7	50.8	76.2





#51

4-Methyl-2-Pentanone

Concen: 288.58 ug/l

RT: 10.22 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VW003459.D

Acq: 23 Jun 2018 14:45

Instrument :

MSVOA_W

ClientSampleId :

WP021SB482-15-17-180619MS

Tot Ion: 43 Resp: 441886

Ion Ratio Lower Upper

43 100

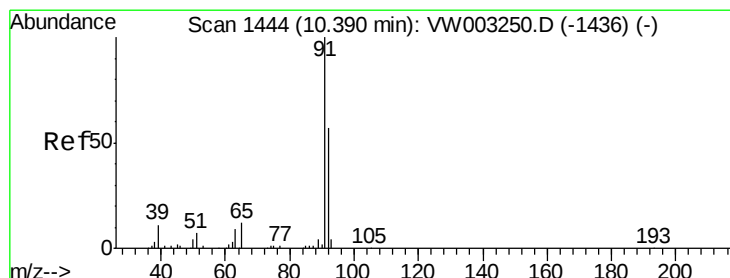
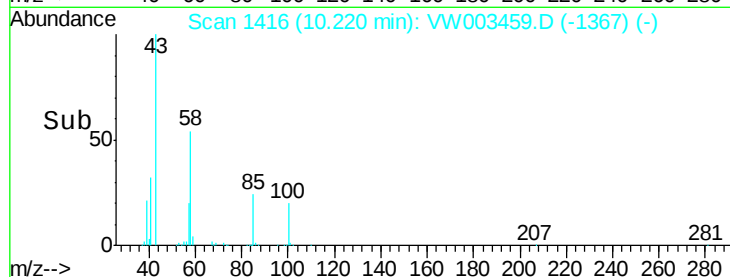
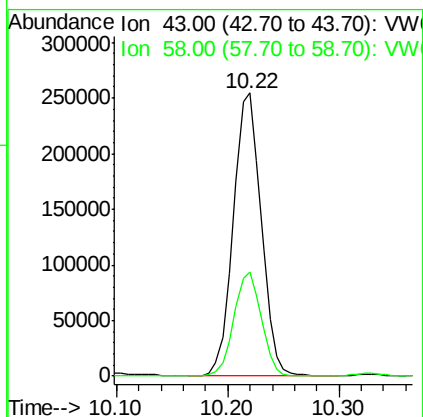
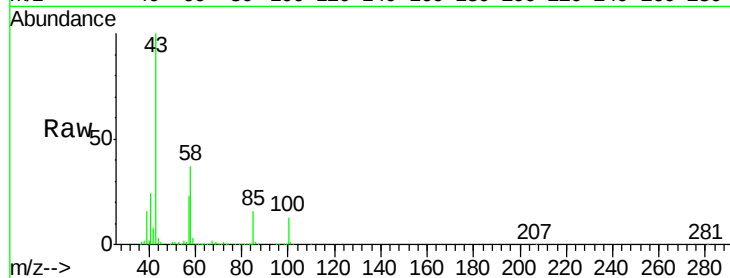
58 36.2 29.0 43.4

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#52

Toluene

Concen: 53.31 ug/l

RT: 10.40 min Scan# 1445

Delta R.T. 0.01 min

Lab File: VW003459.D

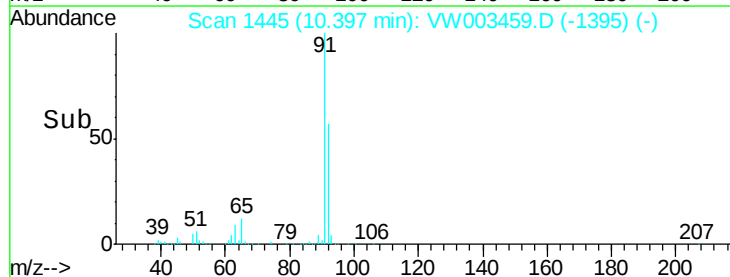
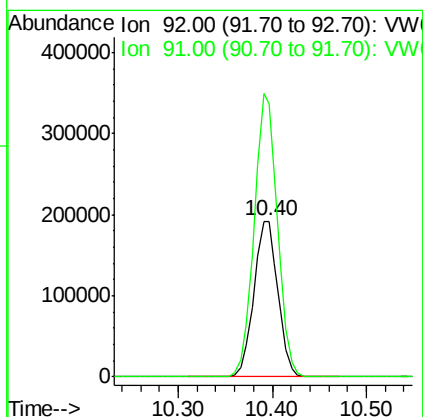
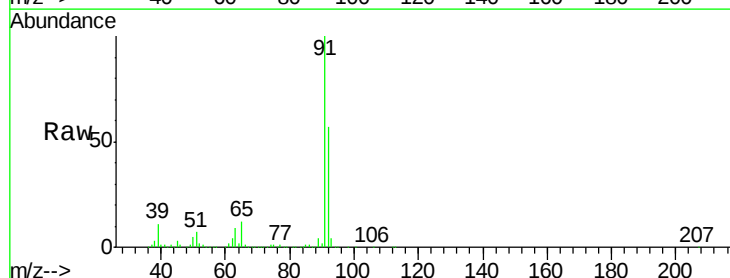
Acq: 23 Jun 2018 14:45

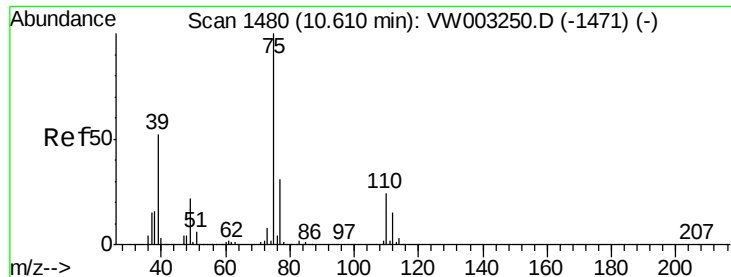
Tgt Ion: 92 Resp: 344249

Ion Ratio Lower Upper

92 100

91 176.7 141.1 211.7





#53

t-1,3-Dichloropropene

Concen: 50.74 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW003459.D

Acq: 23 Jun 2018 14:45

Instrument :

MSVOA_W

ClientSampleId :

WP021SB482-15-17-180619MS

Tot Ion: 75 Resp: 174396

Ion Ratio Lower Upper

75 100

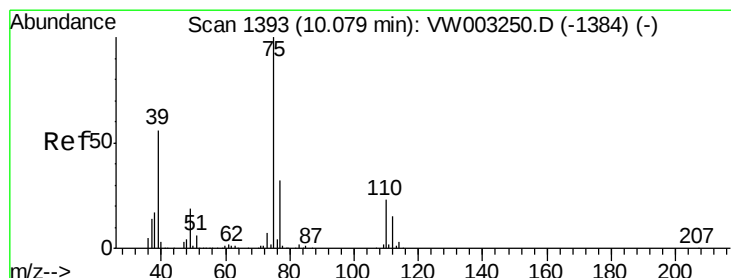
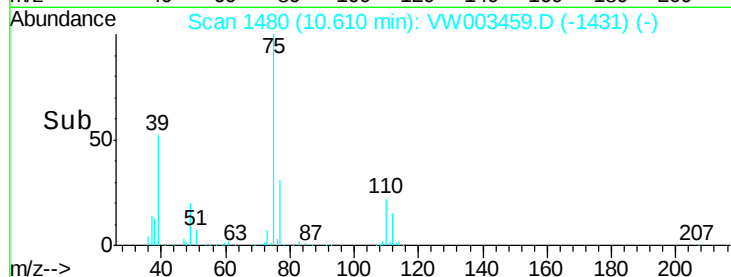
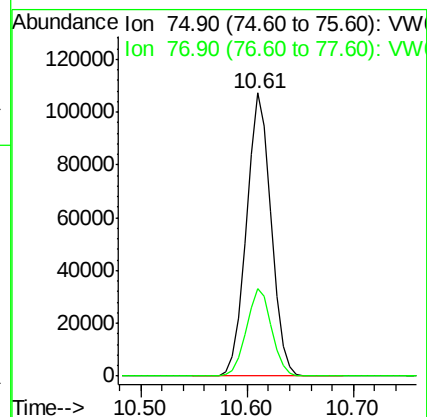
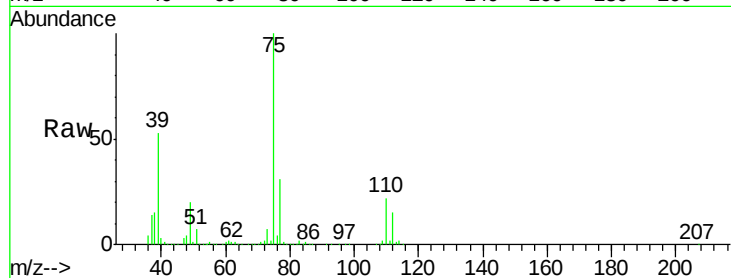
77 30.6 24.9 37.3

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#54

cis-1,3-Dichloropropene

Concen: 49.25 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. 0.00 min

Lab File: VW003459.D

Acq: 23 Jun 2018 14:45

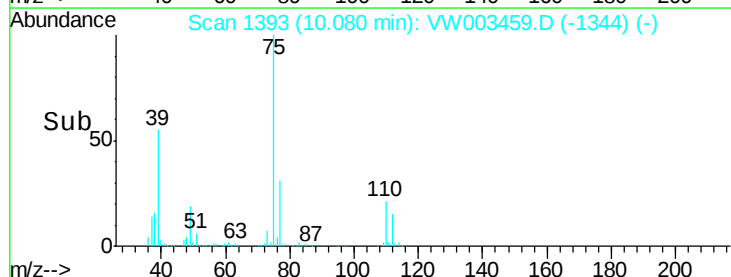
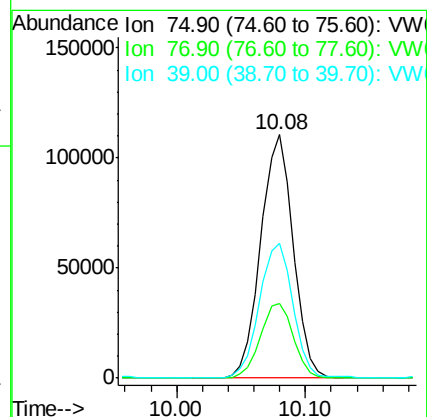
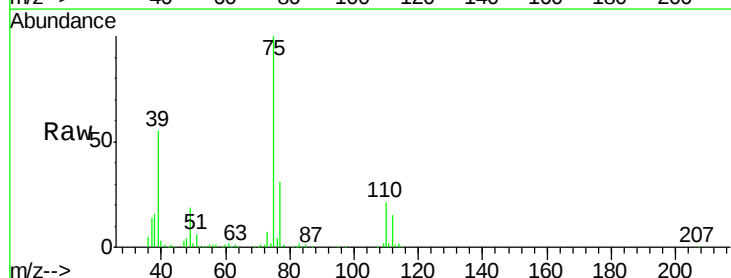
Tgt Ion: 75 Resp: 192647

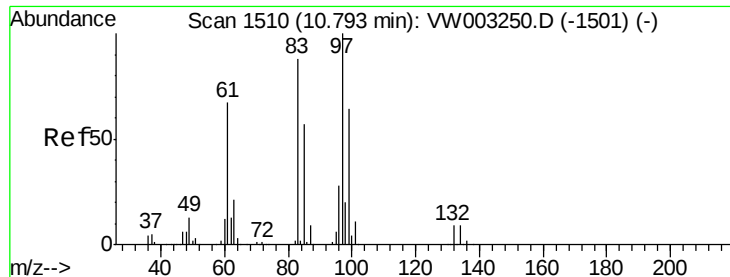
Ion Ratio Lower Upper

75 100

77 30.8 25.8 38.6

39 55.1 45.2 67.8





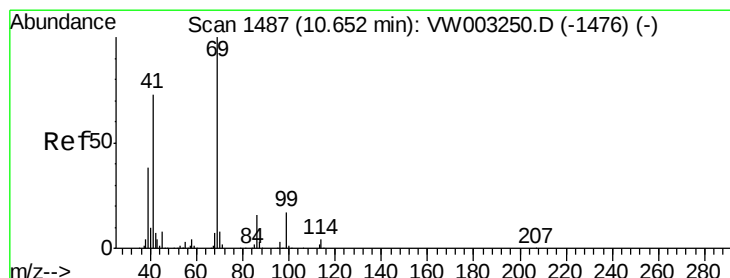
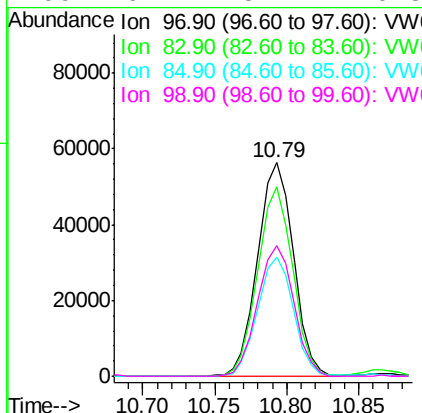
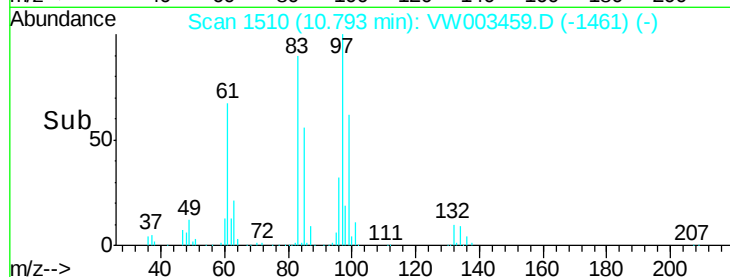
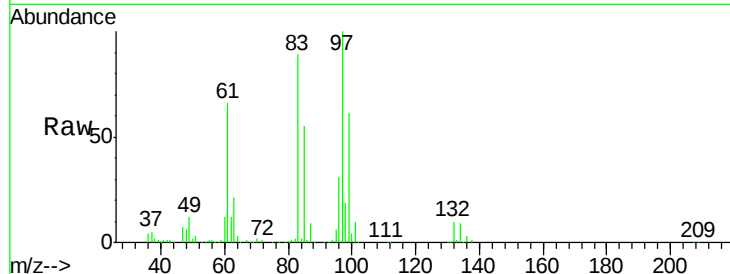
#55
 1,1,2-Trichloroethane
 Concen: 52.52 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW003459.D
 Acq: 23 Jun 2018 14:45

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB482-15-17-180619MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		97150		
83	88.7	70.2	105.2		
85	55.5	45.6	68.4		
99	61.1	51.2	76.8		

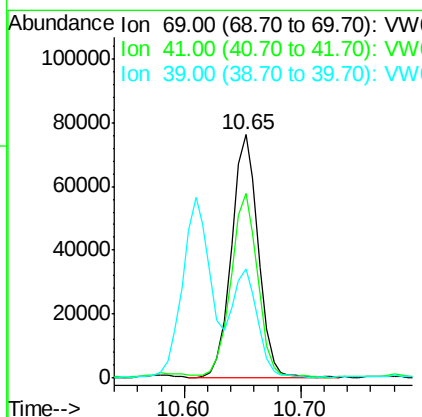
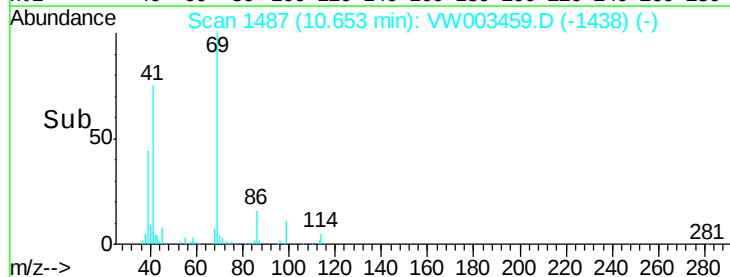
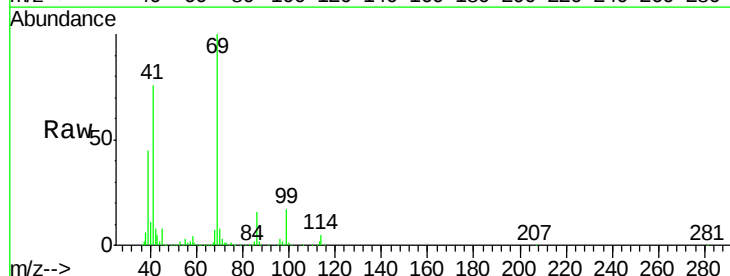
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#56
 Ethyl methacrylate
 Concen: 53.94 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW003459.D
 Acq: 23 Jun 2018 14:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		121152		
41	76.0	57.8	86.6		
39	41.2	32.7	49.1		





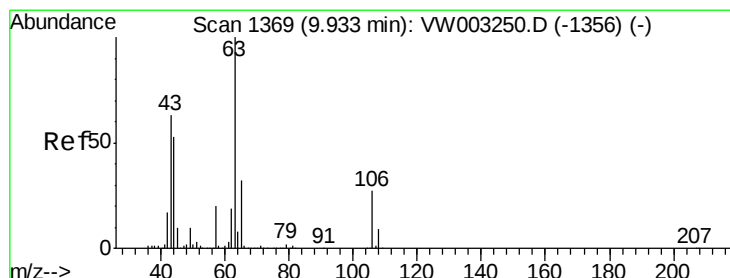
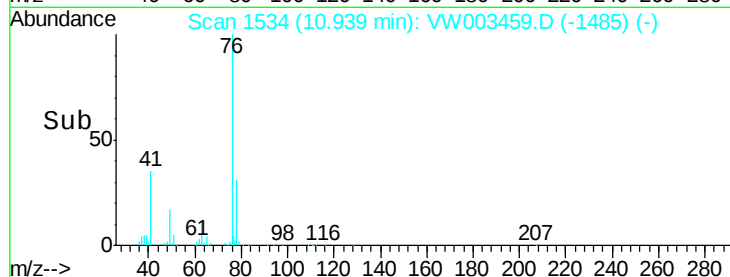
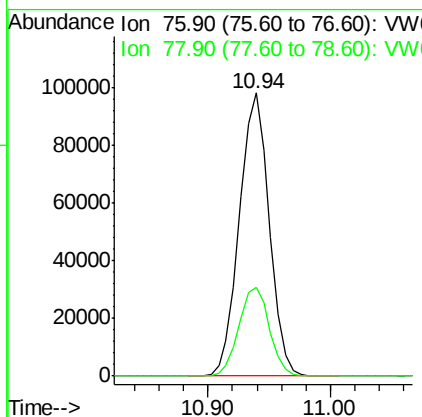
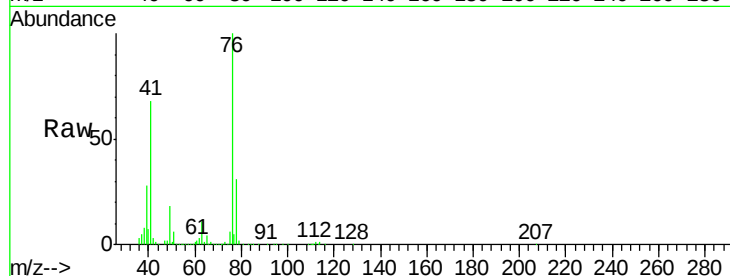
#57
 1,3-Dichloropropane
 Concen: 52.08 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VW003459.D
 Acq: 23 Jun 2018 14:45

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB482-15-17-180619MS

Tot Ion: 76 Resp: 166151
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.7 38.5

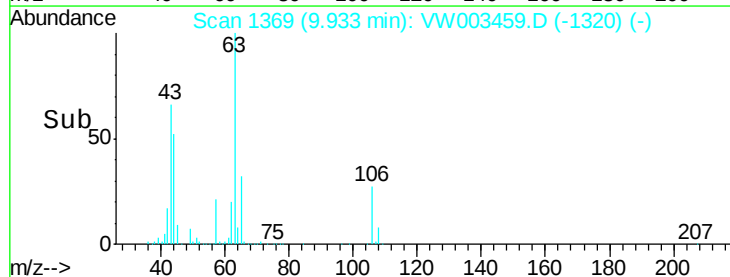
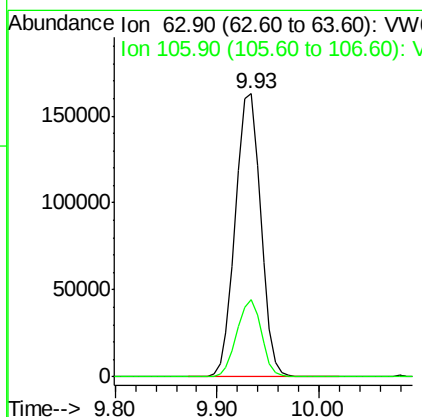
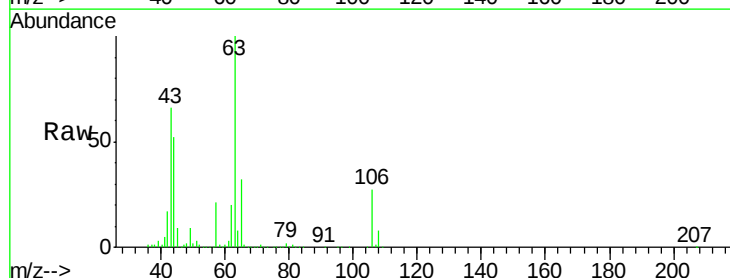
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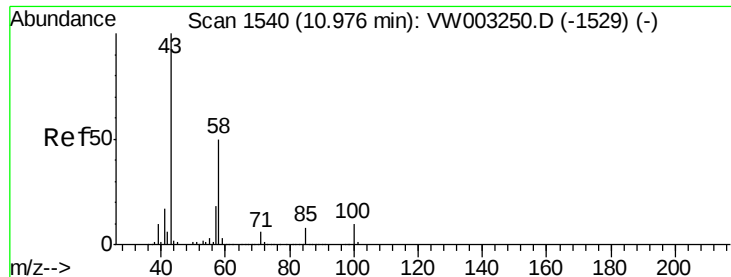
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#58
 2-Chloroethyl Vinyl ether
 Concen: 278.86 ug/l
 RT: 9.93 min Scan# 1369
 Delta R.T. 0.00 min
 Lab File: VW003459.D
 Acq: 23 Jun 2018 14:45

Tgt Ion: 63 Resp: 280782
 Ion Ratio Lower Upper
 63 100
 106 26.4 21.8 32.8





#59

2-Hexanone

Concen: 308.09 ug/l

RT: 10.98 min Scan# 1540

Delta R.T. 0.00 min

Lab File: VW003459.D

Acq: 23 Jun 2018 14:45

Instrument :

MSVOA_W

ClientSampleId :

WP021SB482-15-17-180619MS

Tot Ion: 43 Resp: 329560

Ion Ratio Lower Upper

43 100

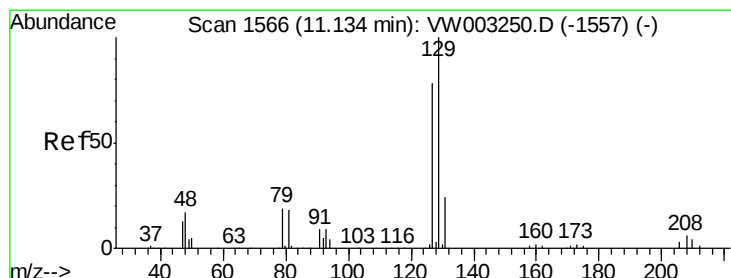
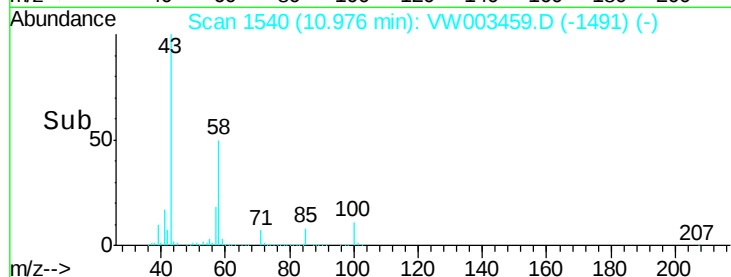
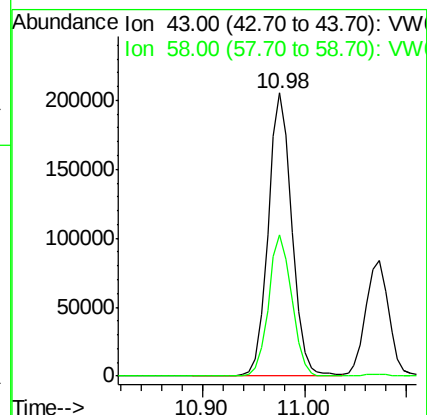
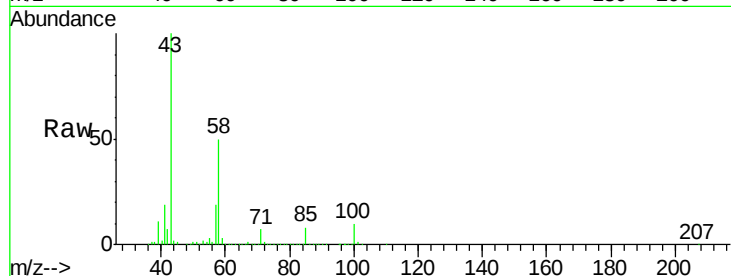
58 49.2 25.0 75.0

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#60

Dibromochloromethane

Concen: 49.30 ug/l

RT: 11.13 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VW003459.D

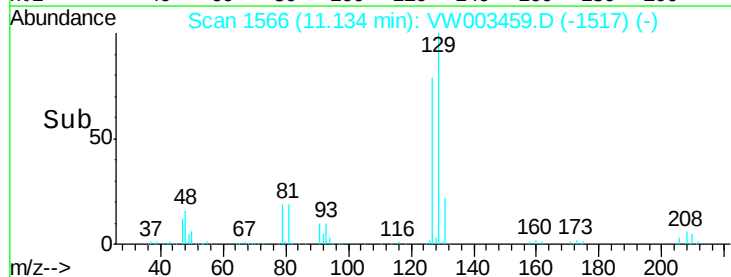
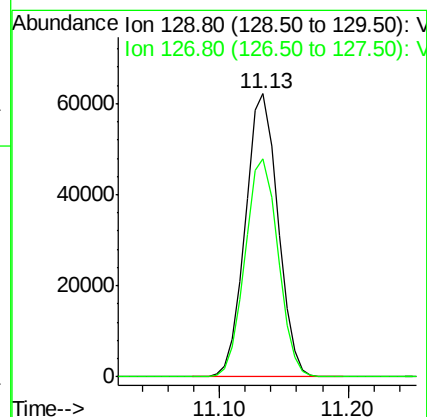
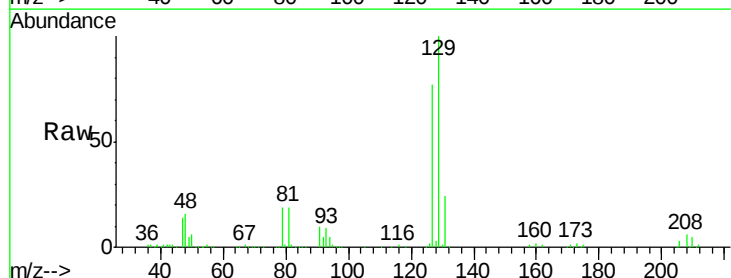
Acq: 23 Jun 2018 14:45

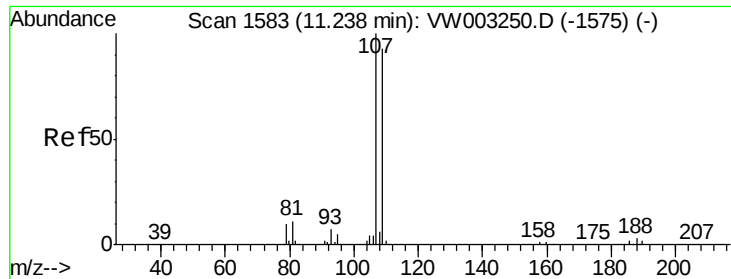
Tgt Ion: 129 Resp: 108443

Ion Ratio Lower Upper

129 100

127 78.1 39.1 117.5





#61

1,2-Dibromoethane

Concen: 52.87 ug/l

RT: 11.24 min Scan# 1584

Delta R.T. 0.01 min

Lab File: VW003459.D

Acq: 23 Jun 2018 14:45

Instrument :

MSVOA_W

ClientSampleId :

WP021SB482-15-17-180619MS

Tot Ion: 107 Resp: 92504

Ion Ratio Lower Upper

107 100

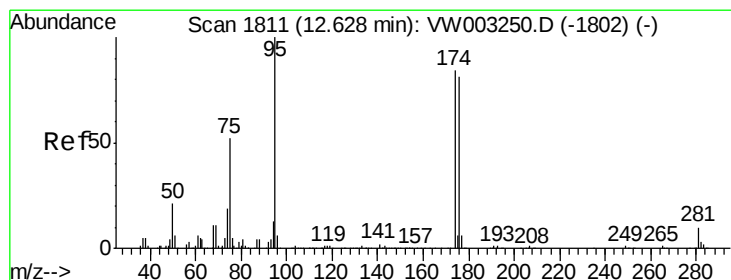
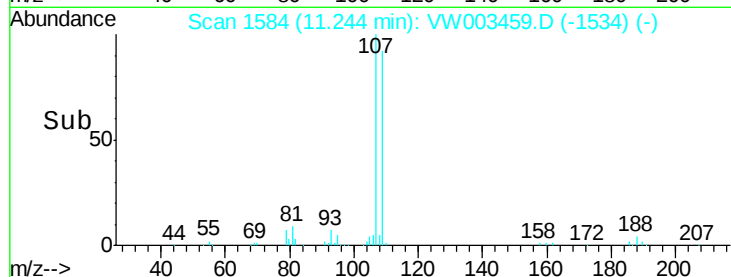
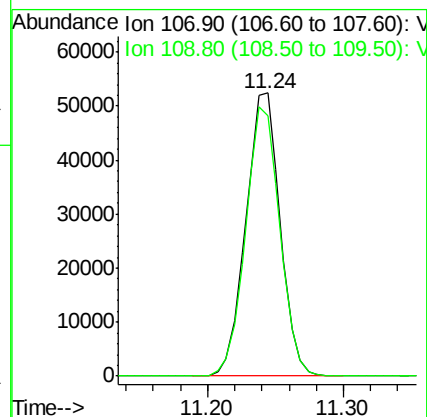
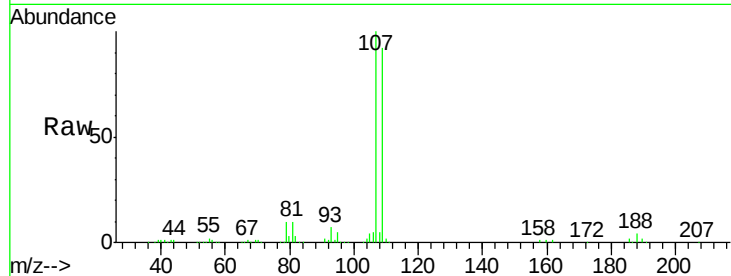
109 95.2 75.8 113.6

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#62

4-Bromofluorobenzene

Concen: 57.06 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW003459.D

Acq: 23 Jun 2018 14:45

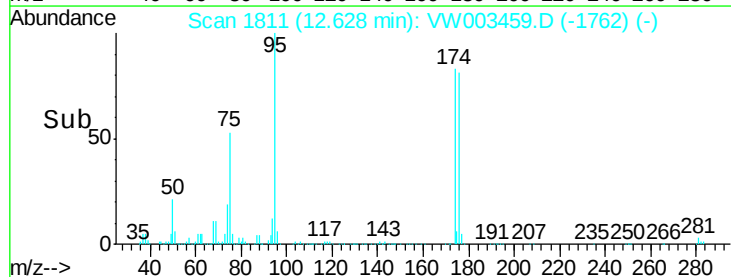
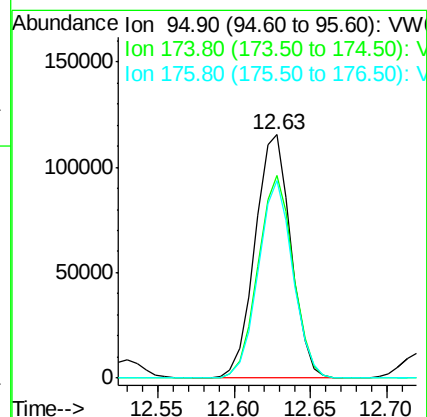
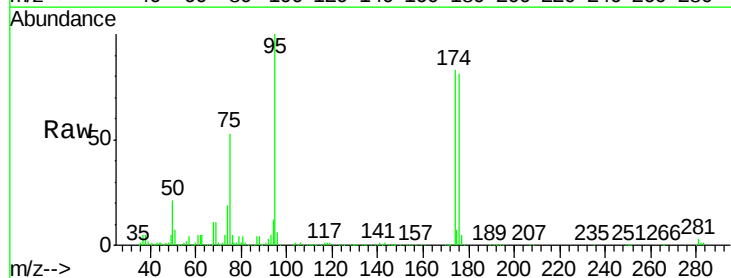
Tgt Ion: 95 Resp: 188197

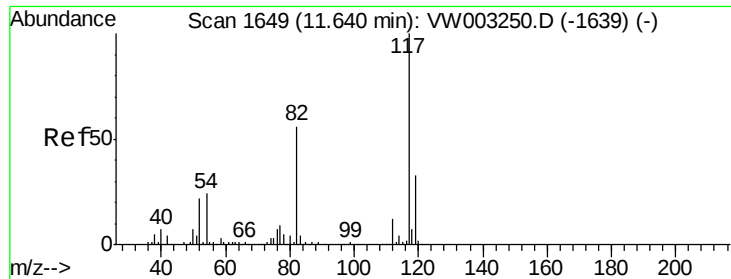
Ion Ratio Lower Upper

95 100

174 81.6 0.0 166.4

176 78.2 0.0 162.0





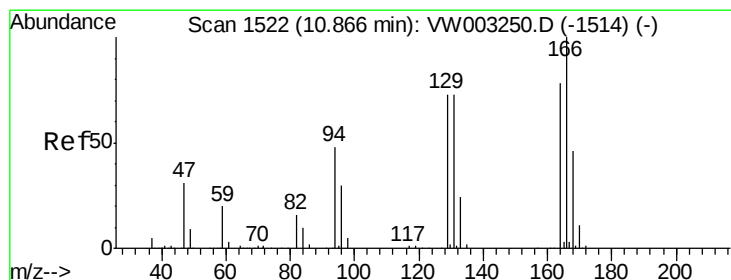
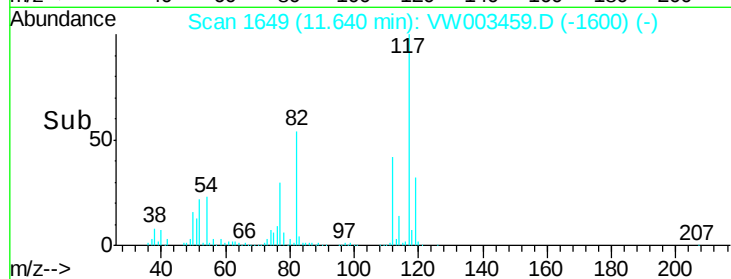
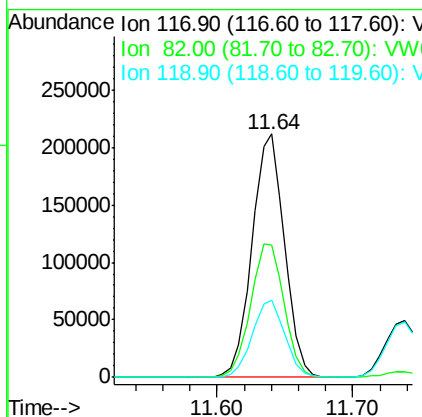
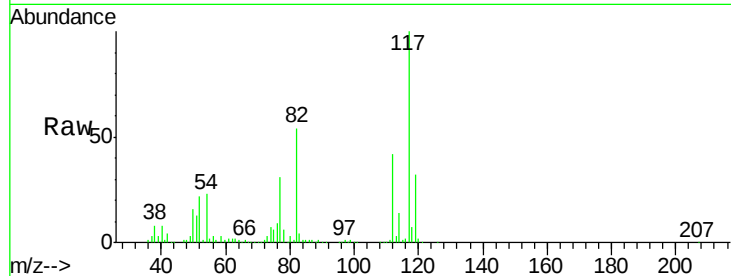
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VW003459.D
Acq: 23 Jun 2018 14:45

Instrument :
MSVOA_W
ClientSampleId :
WP021SB482-15-17-180619MS

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.4	44.6	67.0
119	31.6	26.7	40.1

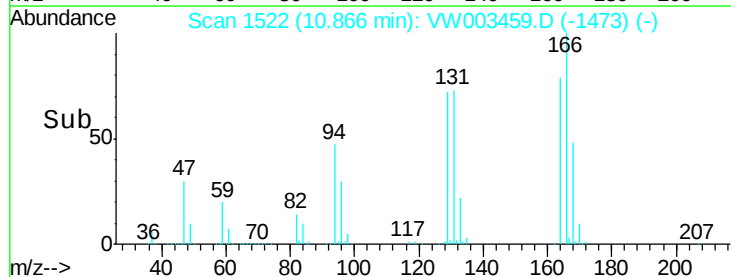
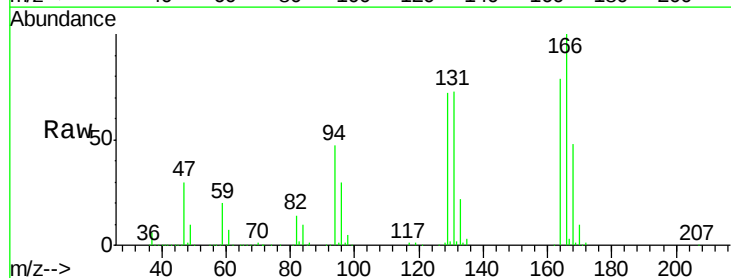
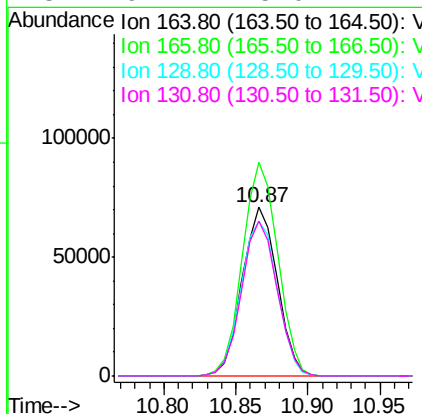
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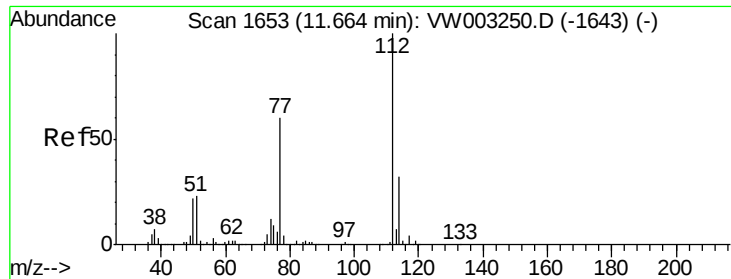
apatel
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#64
Tetrachloroethene
Concen: 50.56 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003459.D
Acq: 23 Jun 2018 14:45

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.4	102.6	154.0
129	91.5	75.2	112.8
131	91.7	75.0	112.4





#65

Chlorobenzene

Concen: 189.67 ug/l

RT: 11.66 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VW003459.D

Acq: 23 Jun 2018 14:45

Instrument :

MSVOA_W

ClientSampleId :

WP021SB482-15-17-180619MS

Tot Ion:112 Resp: 1399064

Ion Ratio Lower Upper

112 100

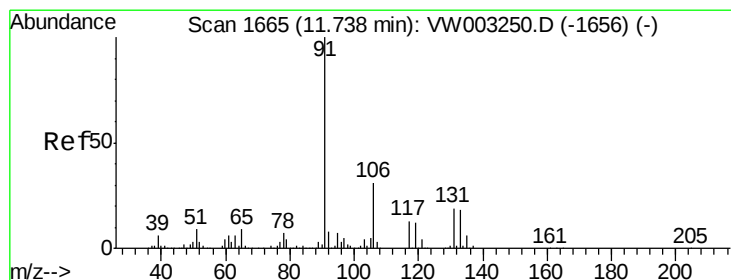
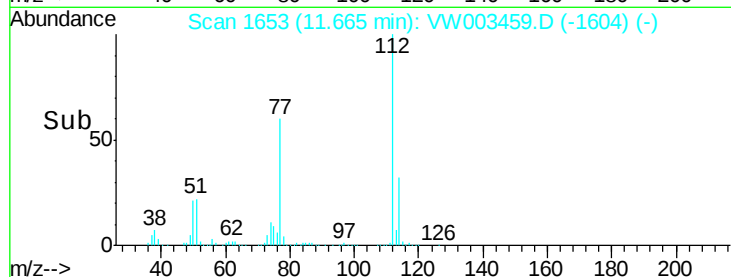
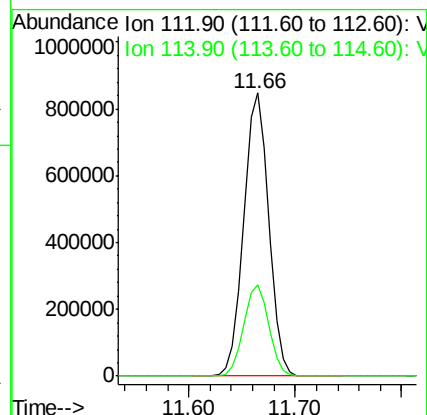
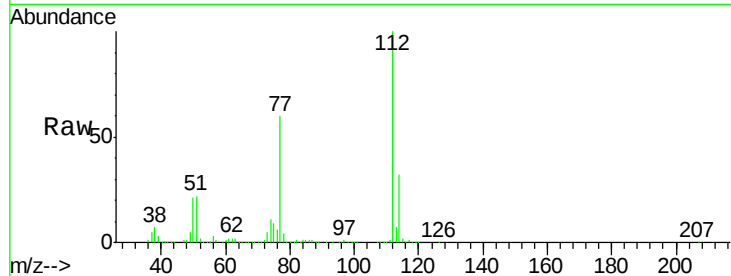
114 32.4 25.9 38.9

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#66

1,1,1,2-Tetrachloroethane

Concen: 48.72 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VW003459.D

Acq: 23 Jun 2018 14:45

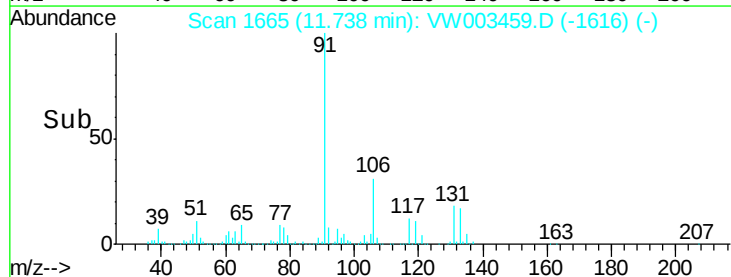
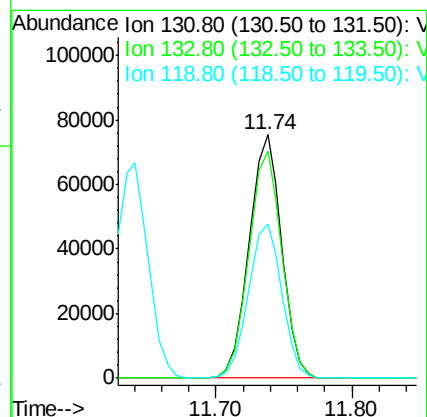
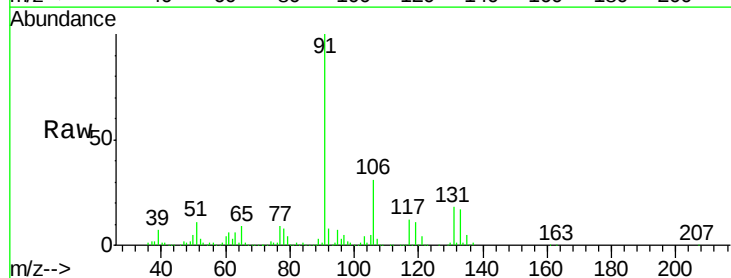
Tgt Ion:131 Resp: 126281

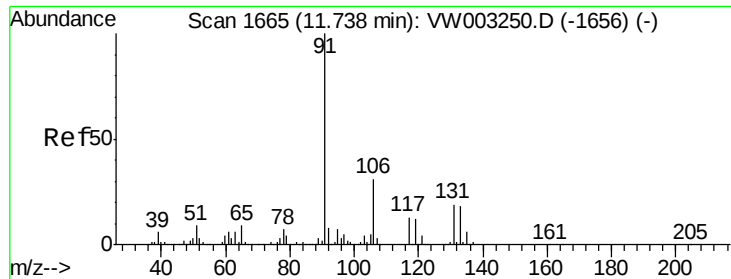
Ion Ratio Lower Upper

131 100

133 94.6 47.3 142.0

119 65.1 32.5 97.4





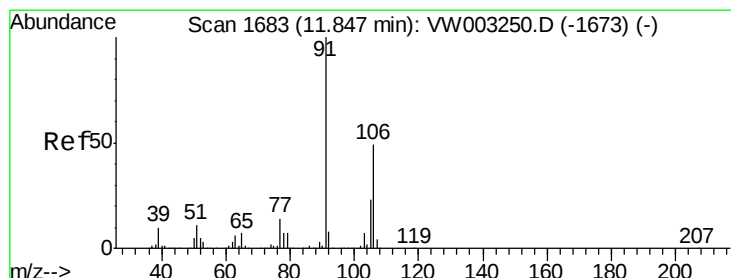
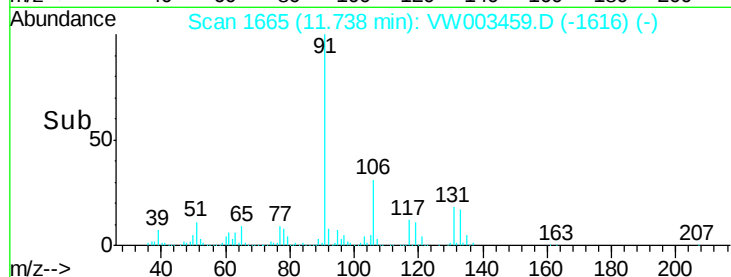
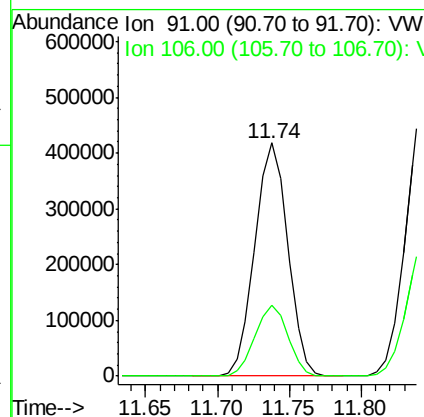
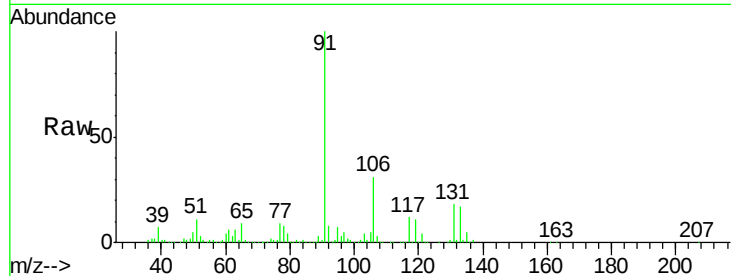
#67
Ethyl Benzene
Concen: 50.53 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003459.D
Acq: 23 Jun 2018 14:45

Instrument :
MSVOA_W
ClientSampleId :
WP021SB482-15-17-180619MS

Tot Ion: 91 Resp: 660634
Ion Ratio Lower Upper
91 100
106 30.7 24.7 37.1

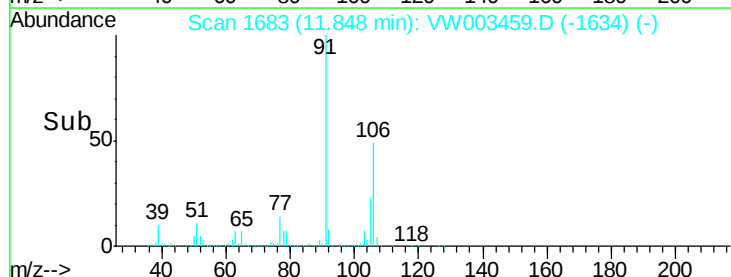
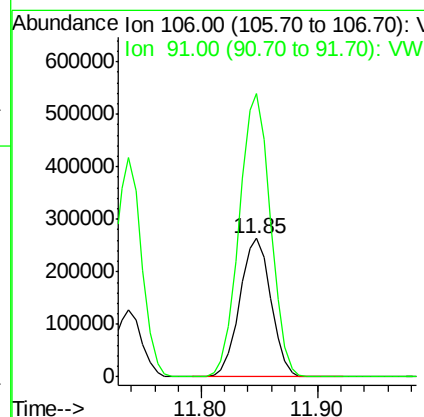
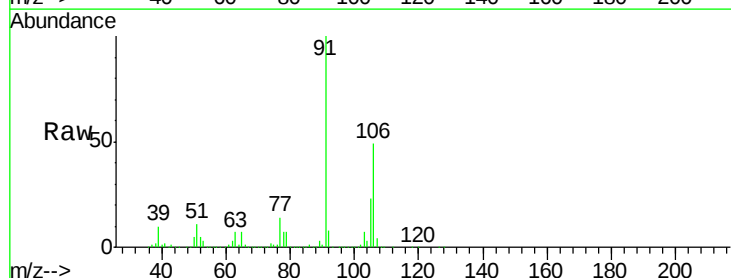
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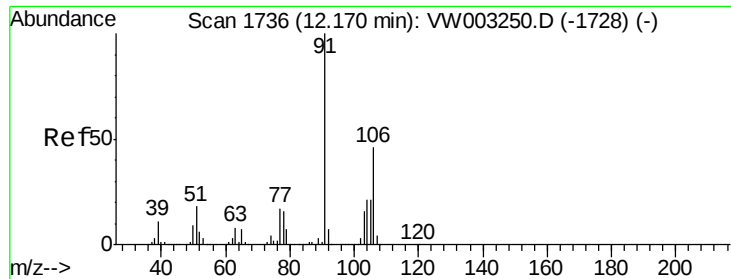
apatel
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#68
m/p-Xylenes
Concen: 98.87 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW003459.D
Acq: 23 Jun 2018 14:45

Tgt Ion: 106 Resp: 491428
Ion Ratio Lower Upper
106 100
91 204.7 165.4 248.0





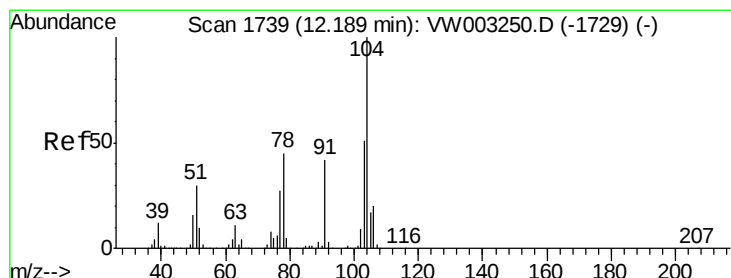
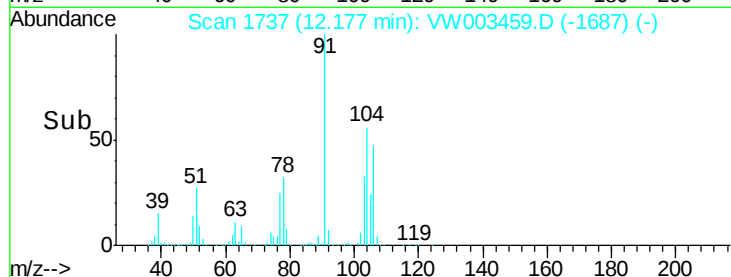
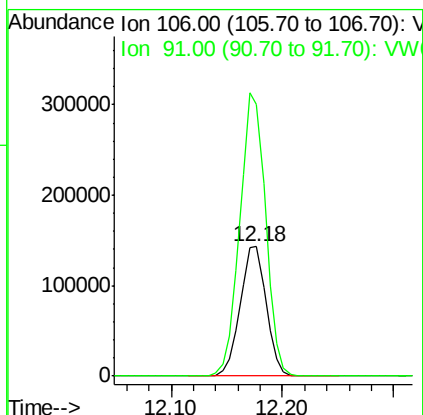
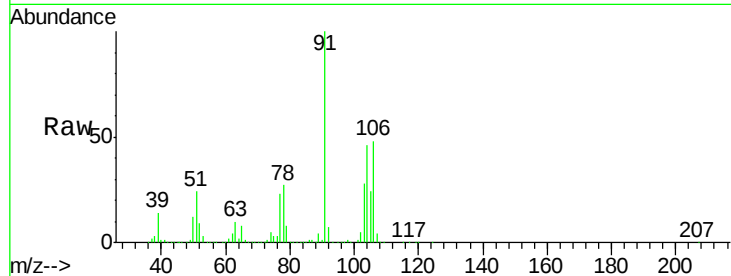
#69
o-Xylene
Concen: 50.48 ug/l
RT: 12.18 min Scan# 1737
Delta R.T. 0.01 min
Lab File: VW003459.D
Acq: 23 Jun 2018 14:45

Instrument :
MSVOA_W
ClientSampleId :
WP021SB482-15-17-180619MS

Tot Ion	Ratio	Lower	Upper
106	100		
91	216.1	108.6	325.6

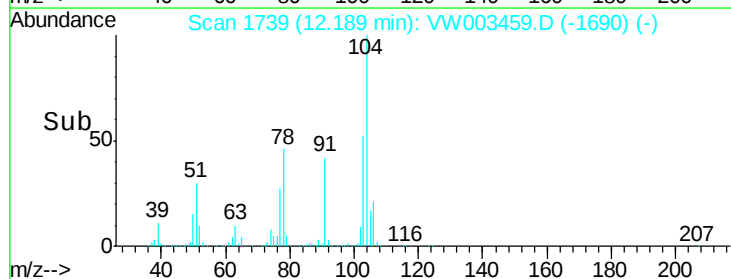
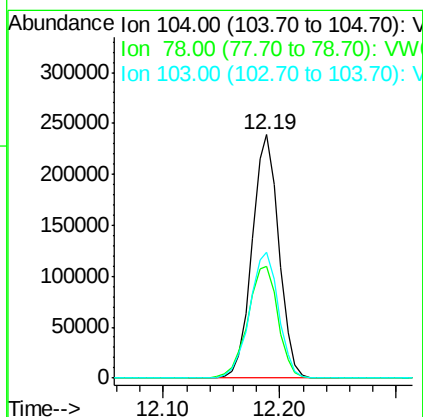
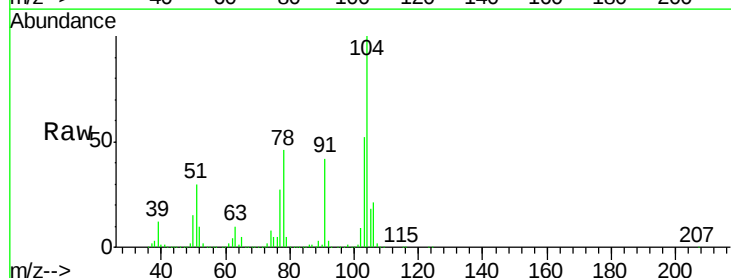
Manual Integrations
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#70
Styrene
Concen: 50.02 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW003459.D
Acq: 23 Jun 2018 14:45

Tgt Ion	Ratio	Lower	Upper
104	100		
78	51.8	41.3	61.9
103	56.3	45.0	67.4





#71

Bromoform

Concen: 47.38 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW003459.D

Acq: 23 Jun 2018 14:45

Instrument :

MSVOA_W

ClientSampleId :

WP021SB482-15-17-180619MS

Tot Ion:173 Resp: 63648

Ion Ratio Lower Upper

173 100

175 49.5 24.4 73.4

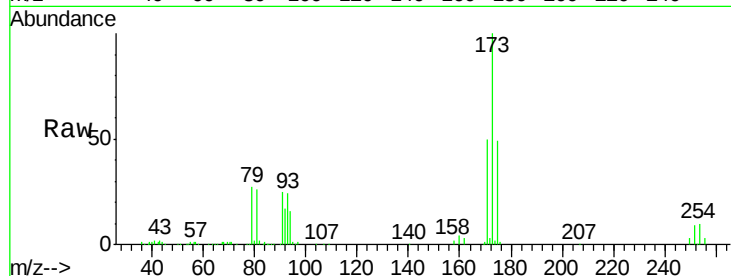
254 0.1 0.1 0.1#

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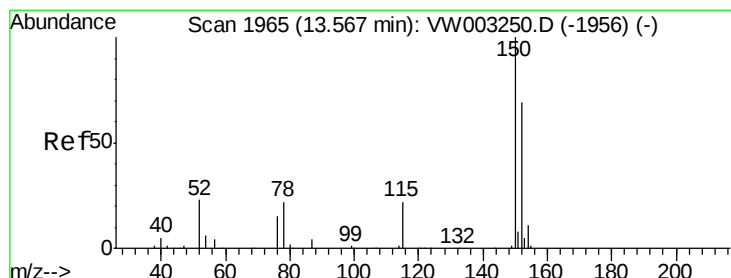
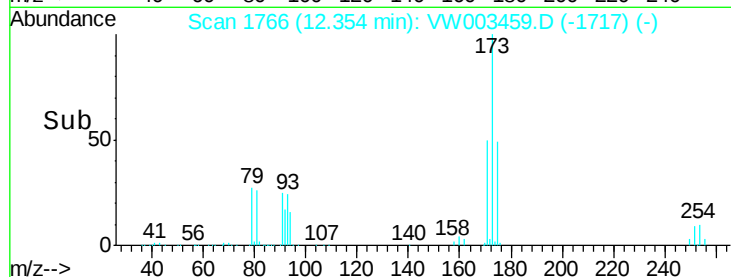
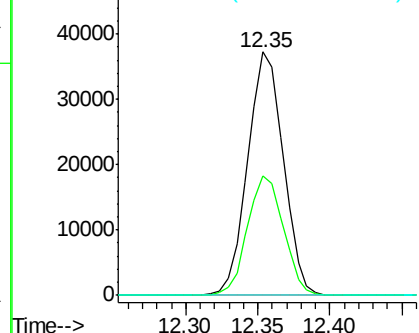
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Abundance Ion 172.70 (172.40 to 173.40): V

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: VW003459.D

Acq: 23 Jun 2018 14:45

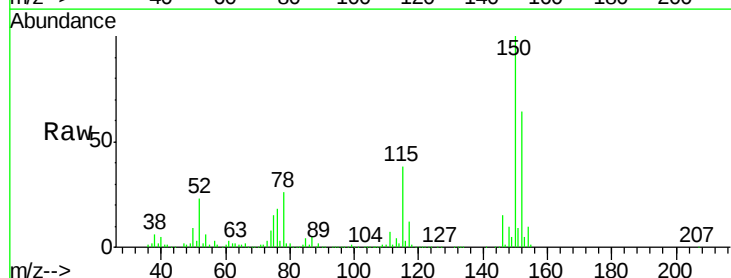
Tgt Ion:152 Resp: 181881

Ion Ratio Lower Upper

152 100

115 58.9 29.3 88.0

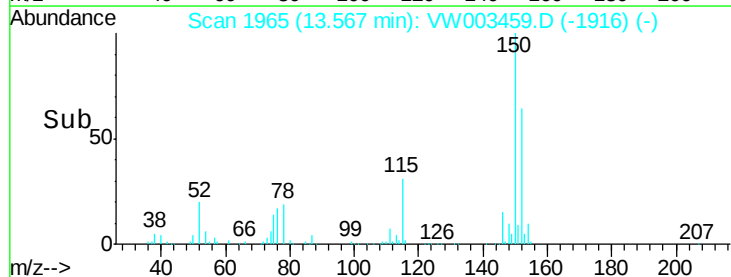
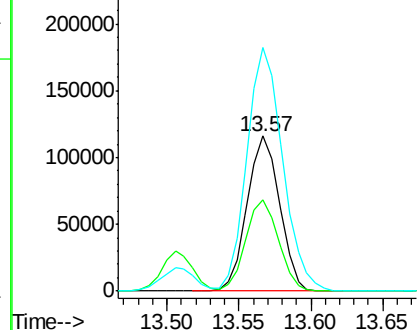
150 172.3 0.0 349.6

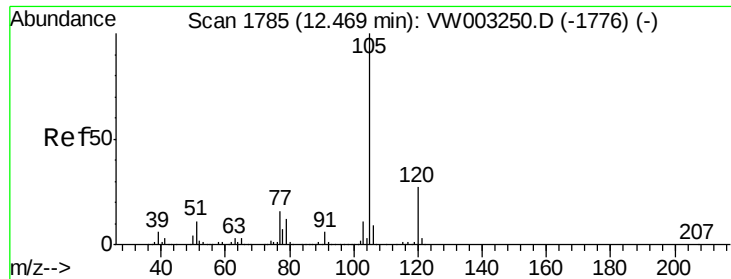


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





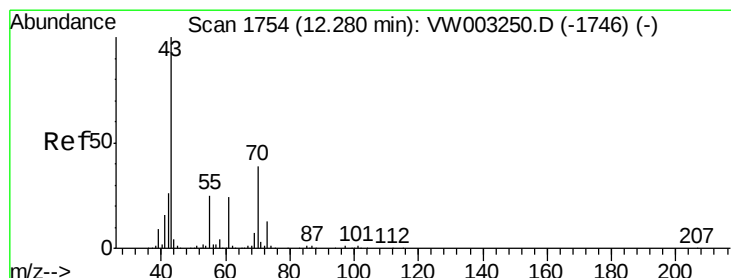
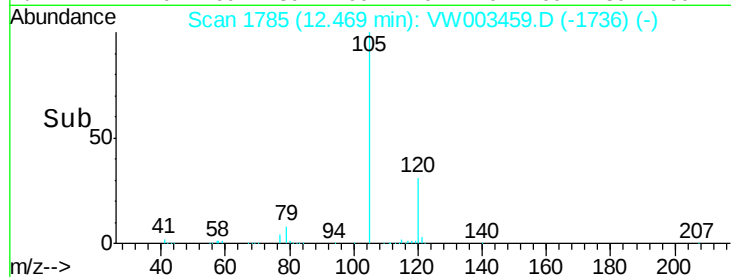
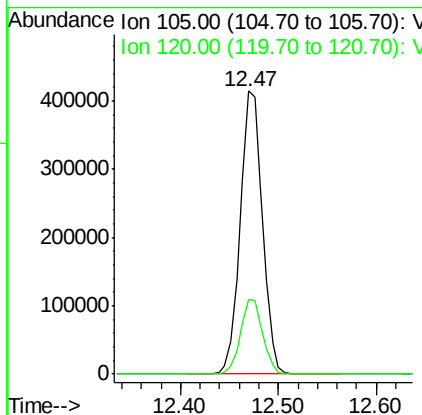
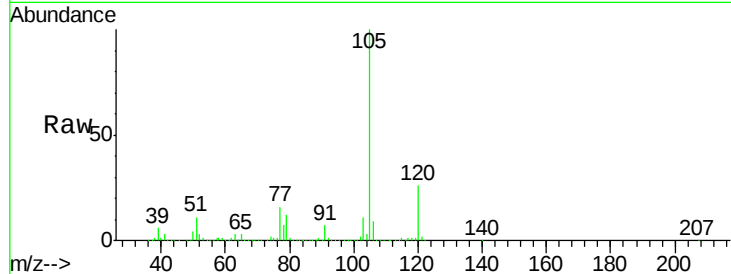
#73
Isopropylbenzene
Concen: 51.34 ug/l
RT: 12.47 min Scan# 1785
Delta R.T. 0.00 min
Lab File: VW003459.D
Acq: 23 Jun 2018 14:45

Instrument :
MSVOA_W
ClientSampleId :
WP021SB482-15-17-180619MS

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.4	13.2	39.6

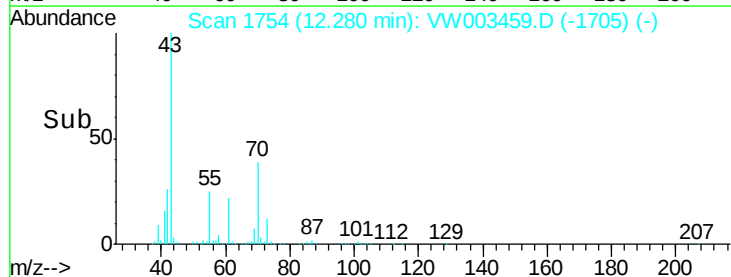
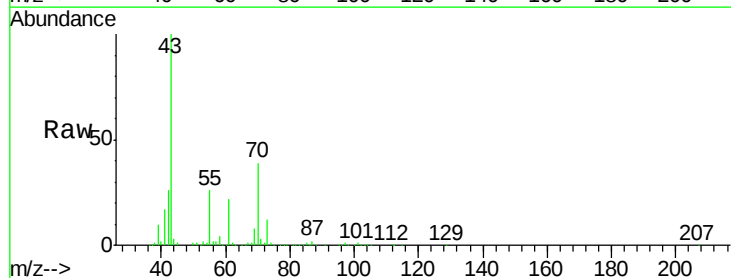
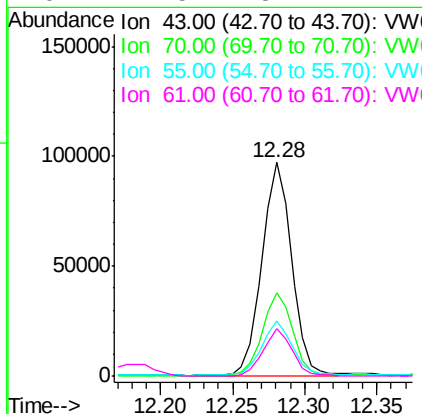
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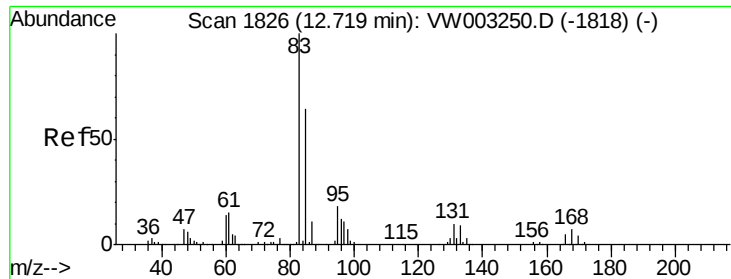
apatel
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#74
N-ethyl acetate
Concen: 48.19 ug/l
RT: 12.28 min Scan# 1754
Delta R.T. 0.00 min
Lab File: VW003459.D
Acq: 23 Jun 2018 14:45

Tgt Ion	Ratio	Lower	Upper
43	100		
70	39.4	31.0	46.6
55	26.4	19.7	29.5
61	21.5	18.1	27.1





#75

1,1,2,2-Tetrachloroethane

Concen: 55.01 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW003459.D

Acq: 23 Jun 2018 14:45

Instrument :

MSVOA_W

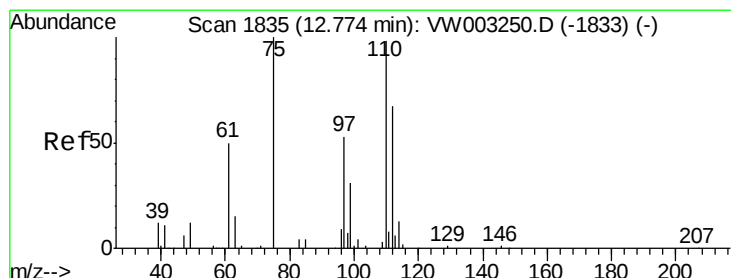
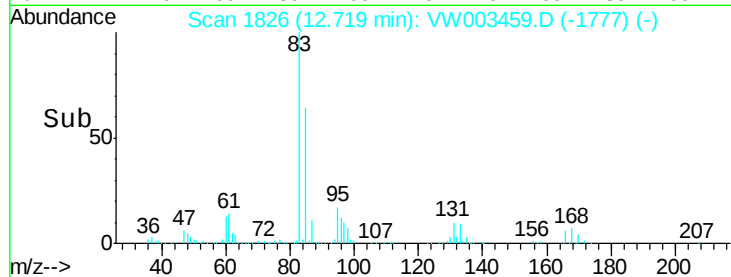
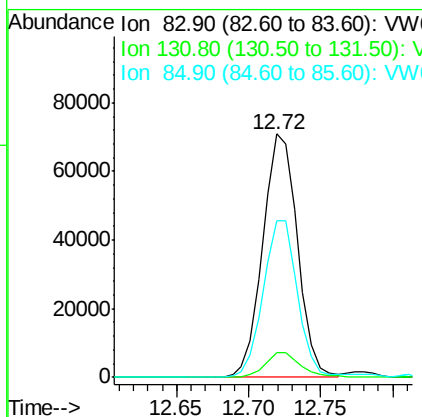
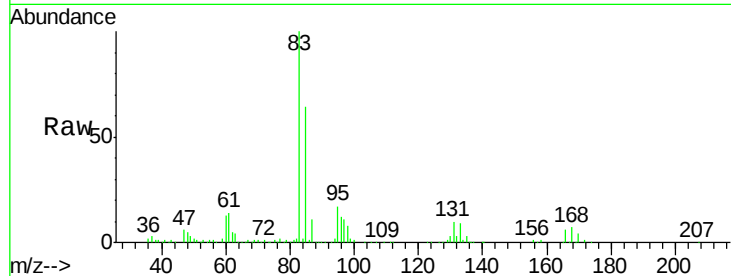
ClientSampleId :

WP021SB482-15-17-180619MS

Tot Ion:	83	Resp:	117735
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.4	16.2
85	63.9	31.9	95.7

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#76

1,2,3-Trichloropropane

Concen: 52.52 ug/l m

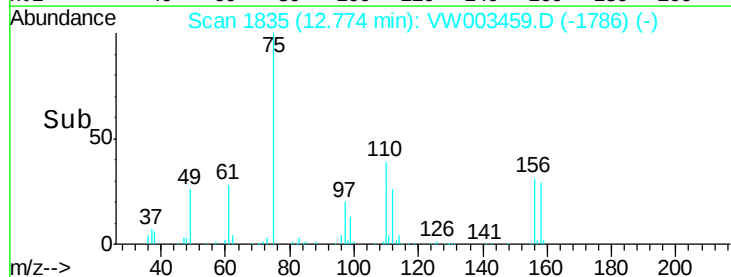
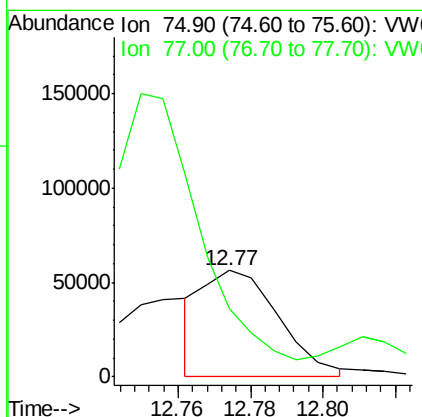
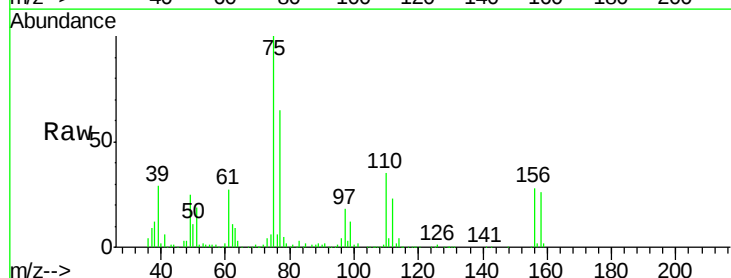
RT: 12.77 min Scan# 1835

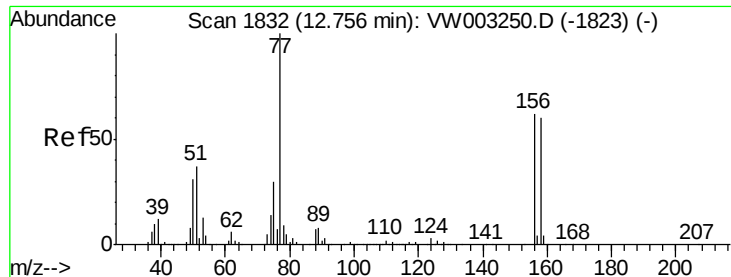
Delta R.T. 0.00 min

Lab File: VW003459.D

Acq: 23 Jun 2018 14:45

Tgt Ion:	75	Resp:	81664
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 49.03 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VW003459.D

Acq: 23 Jun 2018 14:45

Instrument :

MSVOA_W

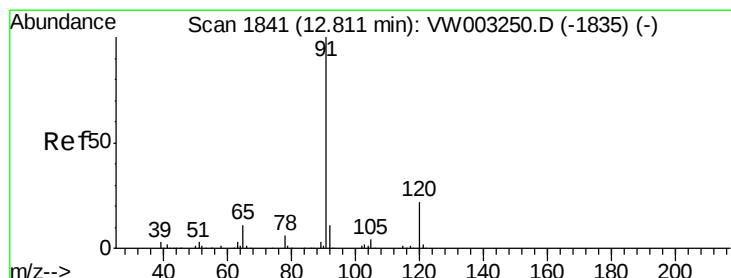
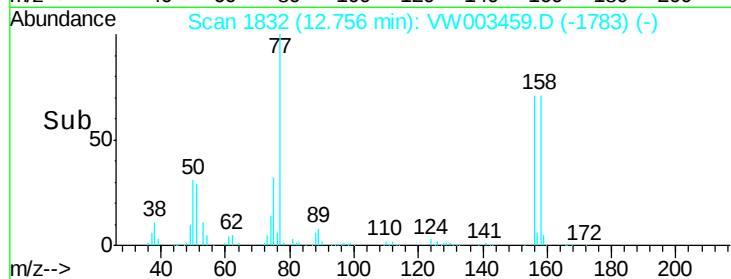
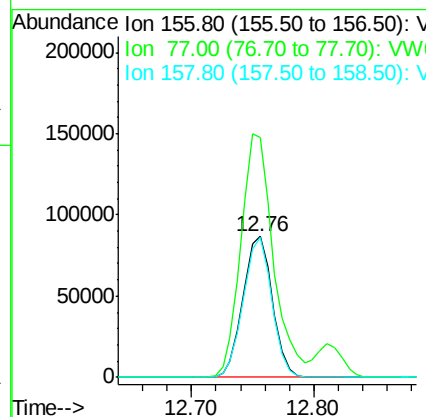
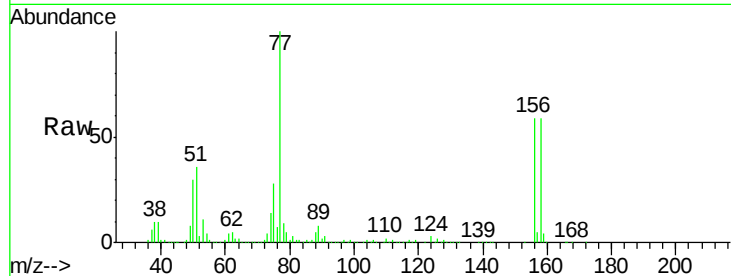
ClientSampleId :

WP021SB482-15-17-180619MS

Tot Ion:	156	Resp:	144460
Ion Ratio	Lower	Upper	
156	100		
77	190.2	92.3	276.9
158	96.7	47.5	142.6

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#78

n-propylbenzene

Concen: 50.40 ug/l

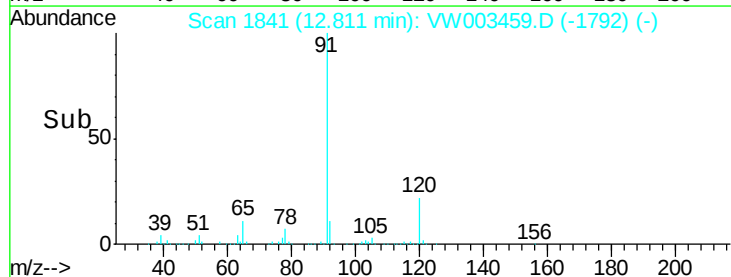
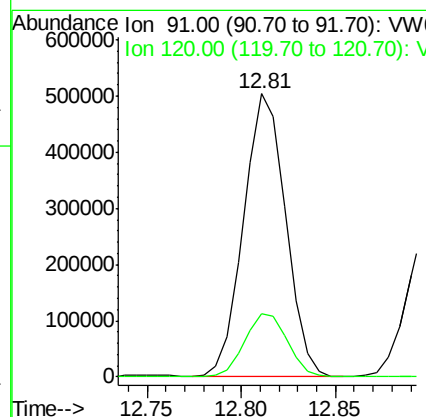
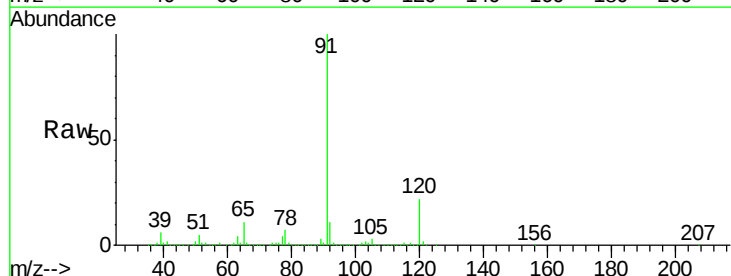
RT: 12.81 min Scan# 1841

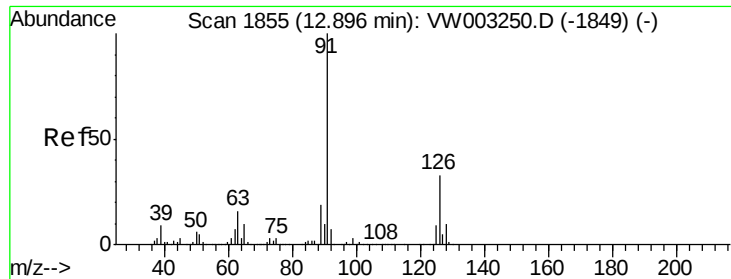
Delta R.T. 0.00 min

Lab File: VW003459.D

Acq: 23 Jun 2018 14:45

Tgt Ion:	91	Resp:	780769
Ion Ratio	Lower	Upper	
91	100		
120	22.6	11.3	33.8





#79

2-Chlorotoluene

Concen: 49.54 ug/l

RT: 12.90 min Scan# 1856

Delta R.T. 0.01 min

Lab File: VW003459.D

Acq: 23 Jun 2018 14:45

Instrument :

MSVOA_W

ClientSampleId :

WP021SB482-15-17-180619MS

Tot Ion: 91 Resp: 433647

Ion Ratio Lower Upper

91 100

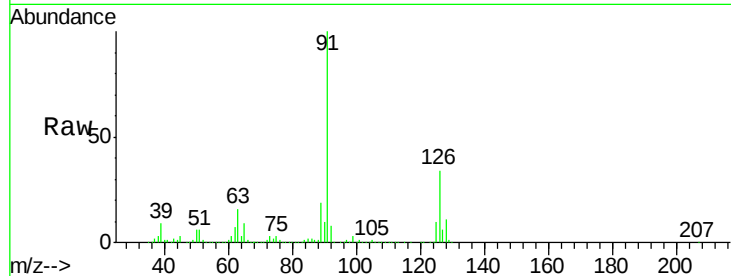
126 33.4 16.8 50.4

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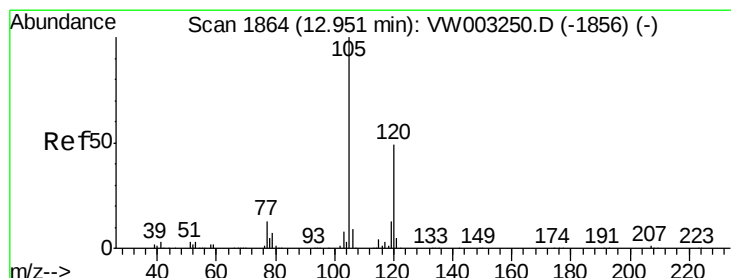
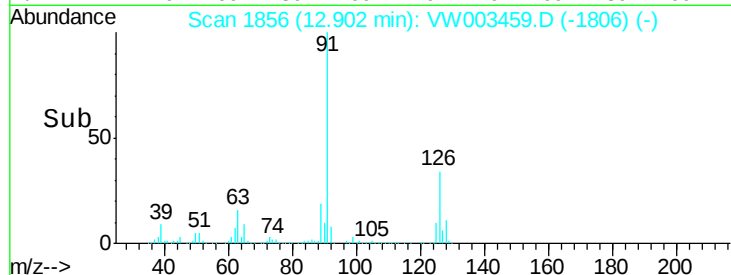
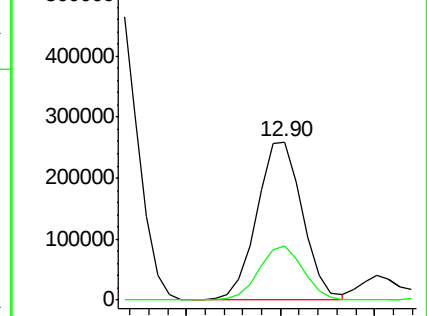
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 50.59 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW003459.D

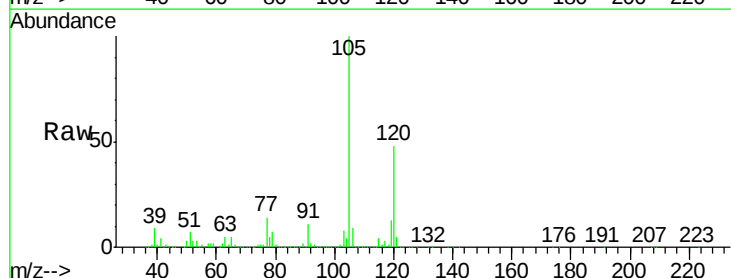
Acq: 23 Jun 2018 14:45

Tgt Ion:105 Resp: 537226

Ion Ratio Lower Upper

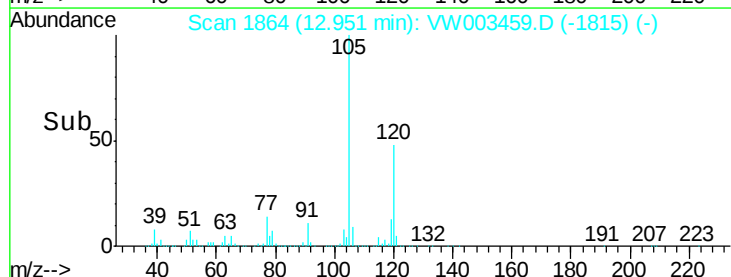
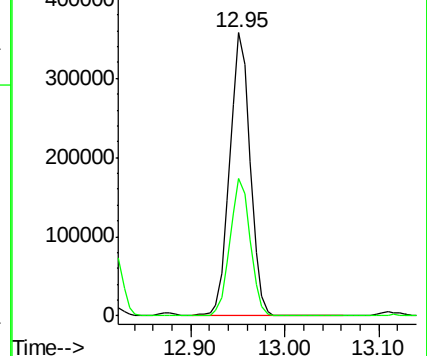
105 100

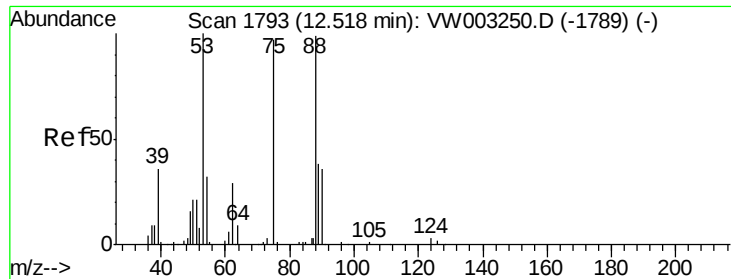
120 48.1 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





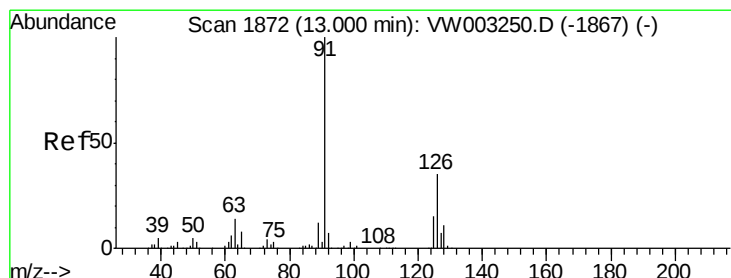
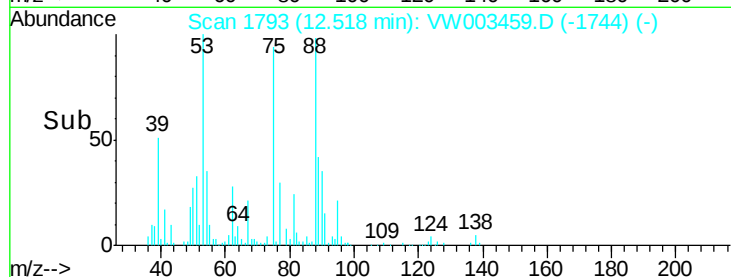
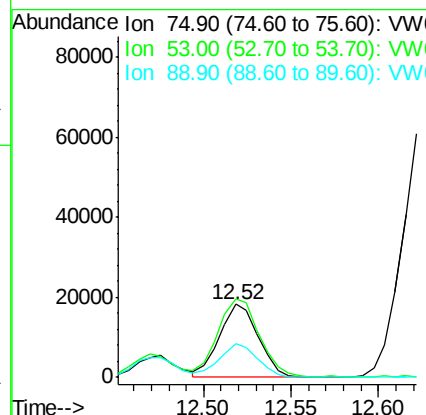
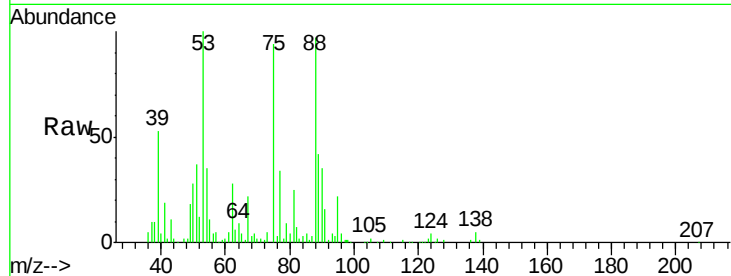
#81
trans-1,4-Dichloro-2-butene
Concen: 41.47 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VW003459.D
Acq: 23 Jun 2018 14:45

Instrument :
MSVOA_W
ClientSampleId :
WP021SB482-15-17-180619MS

Tot Ion	Ratio	Lower	Upper
75	100		
53	112.8	82.9	124.3
89	45.7	36.7	55.1

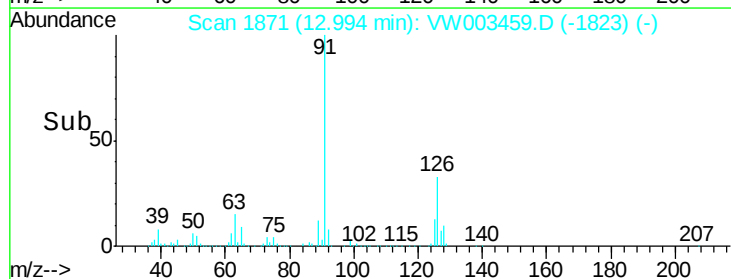
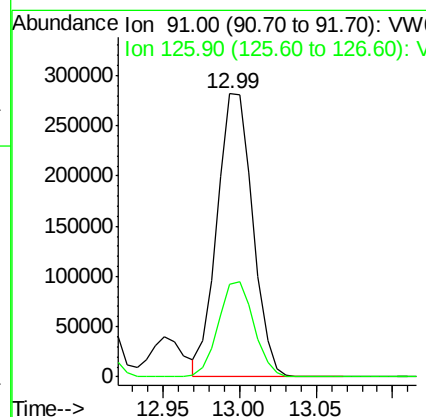
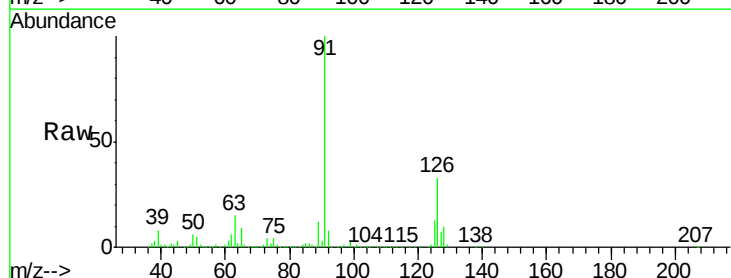
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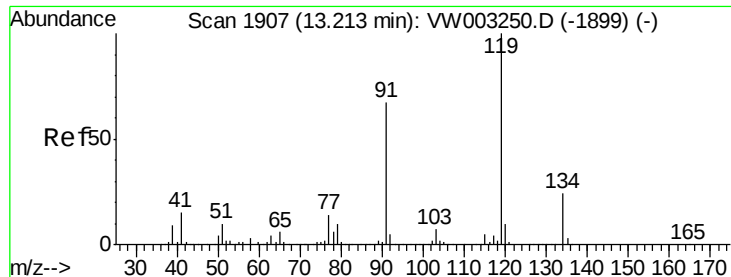
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#82
4-Chlorotoluene
Concen: 48.94 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. -0.01 min
Lab File: VW003459.D
Acq: 23 Jun 2018 14:45

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.6	16.8	50.3





#83

tert-Butylbenzene

Concen: 49.62 ug/l

RT: 13.21 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VW003459.D

Acq: 23 Jun 2018 14:45

Instrument :

MSVOA_W

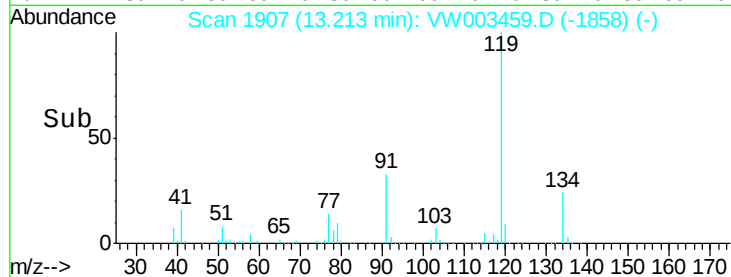
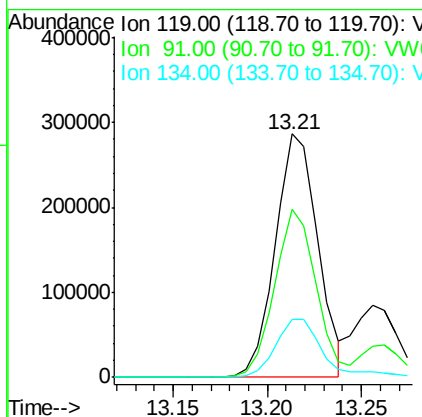
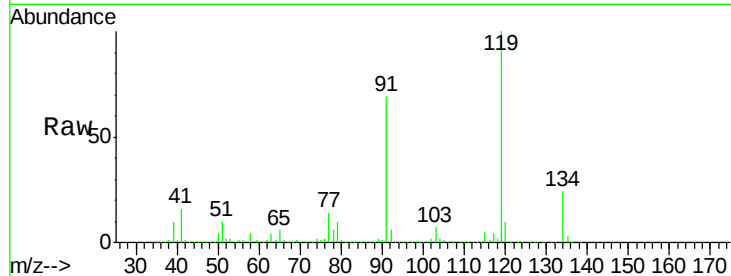
ClientSampleId :

WP021SB482-15-17-180619MS

Tot Ion:	119	Resp:	449057
Ion Ratio	Lower	Upper	
119	100		
91	67.8	33.9	101.7
134	26.6	13.4	40.1

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#84

1,2,4-Trimethylbenzene

Concen: 50.59 ug/l

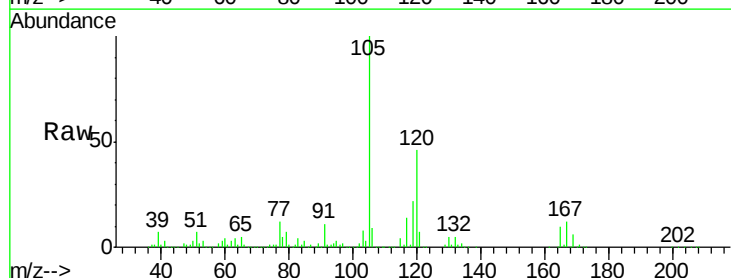
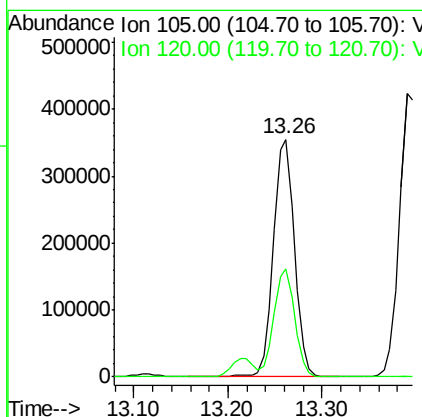
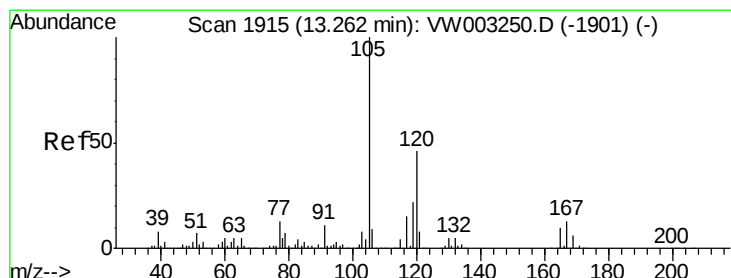
RT: 13.26 min Scan# 1915

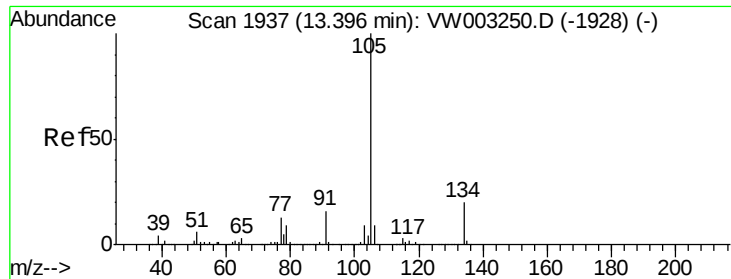
Delta R.T. 0.00 min

Lab File: VW003459.D

Acq: 23 Jun 2018 14:45

Tgt Ion:	105	Resp:	552545
Ion Ratio	Lower	Upper	
105	100		
120	44.8	22.5	67.5





#85

sec-Butylbenzene

Concen: 48.56 ug/l

RT: 13.39 min Scan# 1936

Delta R.T. -0.01 min

Lab File: VW003459.D

Acq: 23 Jun 2018 14:45

Instrument :

MSVOA_W

ClientSampleId :

WP021SB482-15-17-180619MS

Tot Ion:105 Resp: 653145

Ion Ratio Lower Upper

105 100

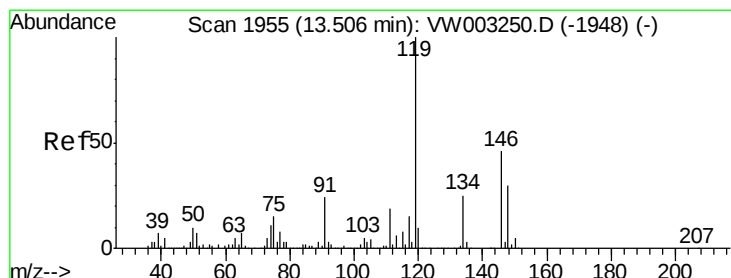
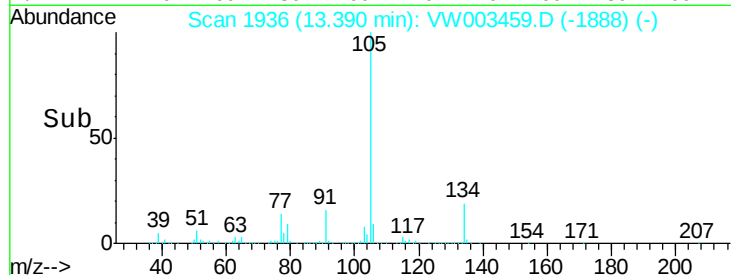
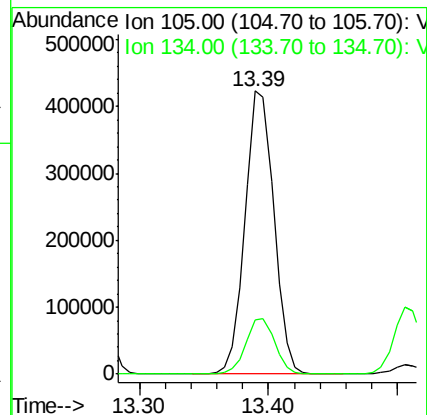
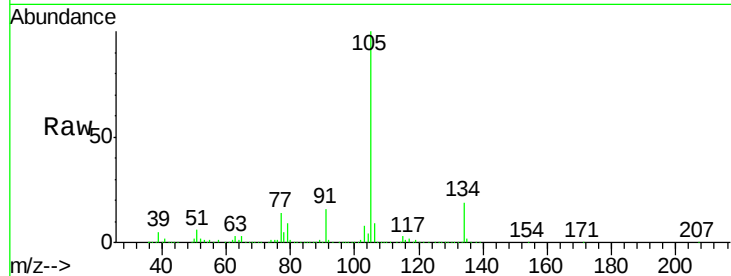
134 19.8 9.8 29.5

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#86

p-Isopropyltoluene

Concen: 48.20 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW003459.D

Acq: 23 Jun 2018 14:45

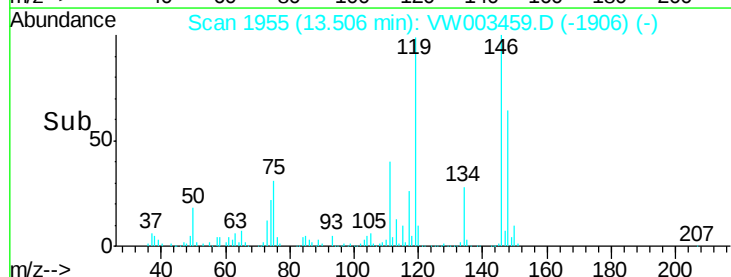
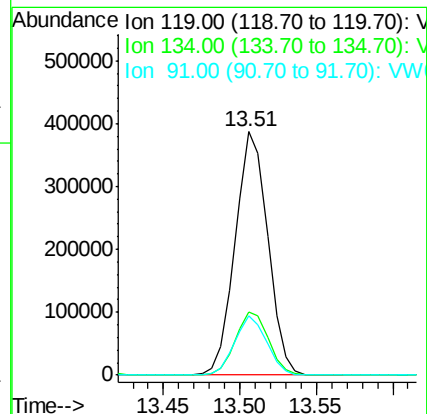
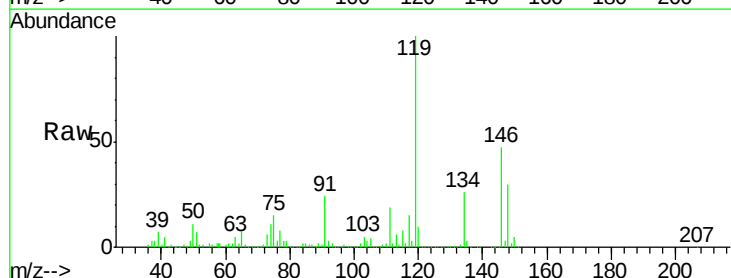
Tgt Ion:119 Resp: 571842

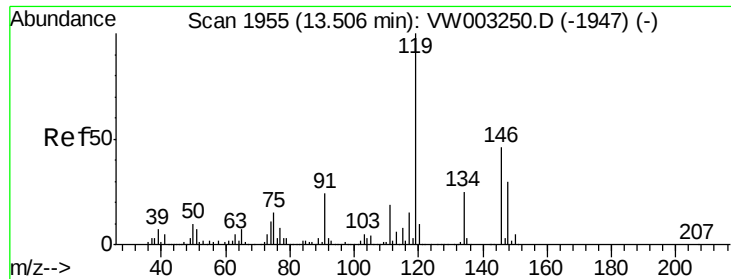
Ion Ratio Lower Upper

119 100

134 26.2 12.9 38.7

91 23.8 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 48.00 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW003459.D

Acq: 23 Jun 2018 14:45

Instrument :

MSVOA_W

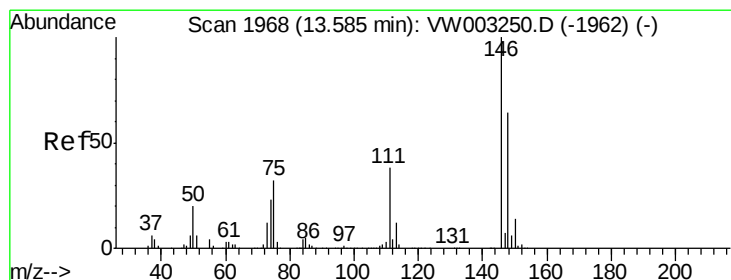
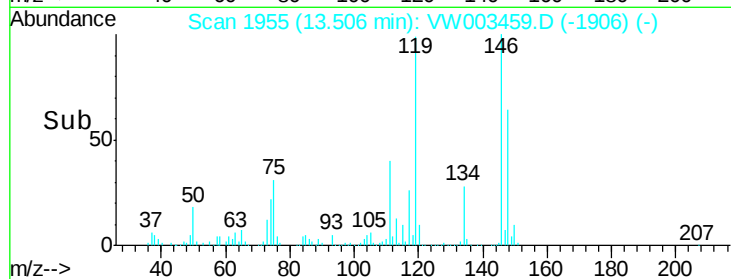
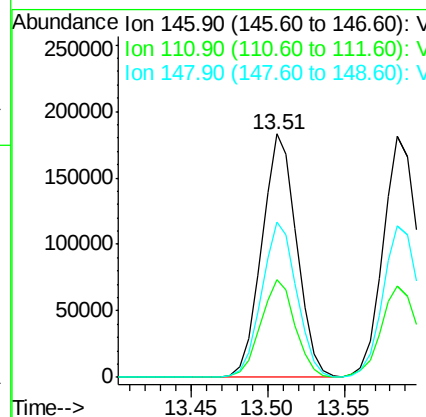
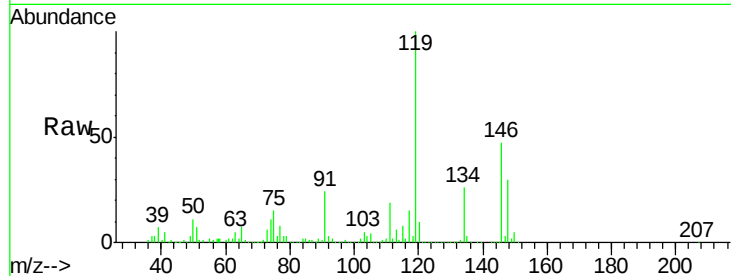
ClientSampleId :

WP021SB482-15-17-180619MS

Tot Ion:	146	Resp:	290506
Ion Ratio	Lower	Upper	
146	100		
111	39.6	19.8	59.4
148	63.8	32.1	96.5

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#88

1,4-Dichlorobenzene

Concen: 47.54 ug/l

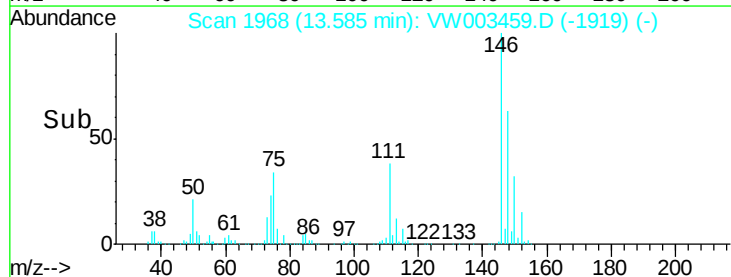
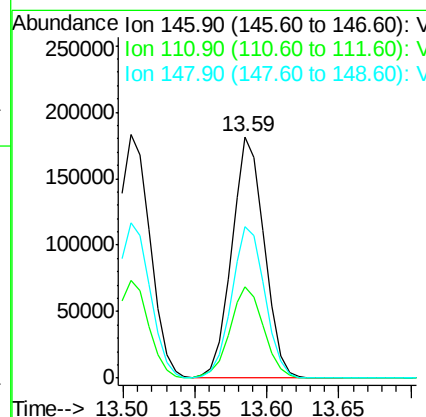
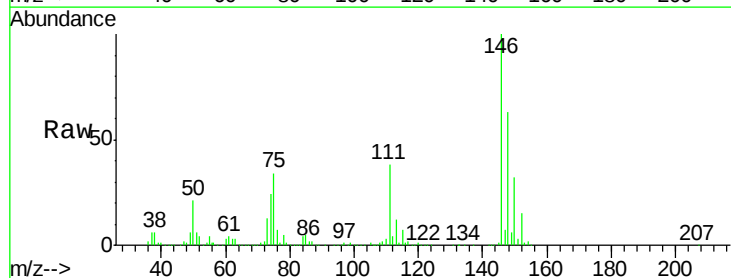
RT: 13.59 min Scan# 1968

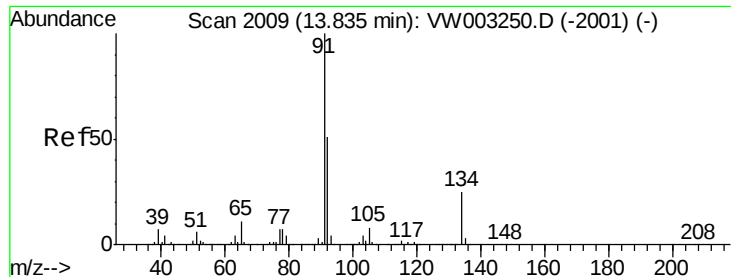
Delta R.T. 0.00 min

Lab File: VW003459.D

Acq: 23 Jun 2018 14:45

Tgt Ion:	146	Resp:	286025
Ion Ratio	Lower	Upper	
146	100		
111	39.3	19.2	57.6
148	64.0	31.8	95.4





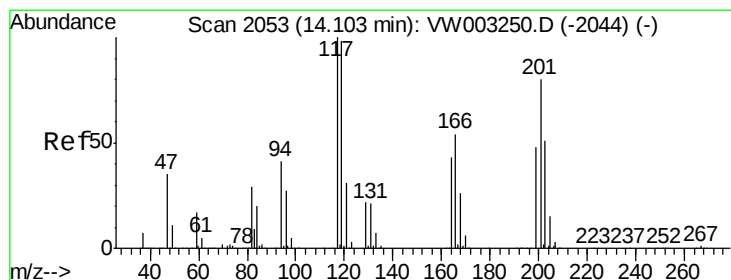
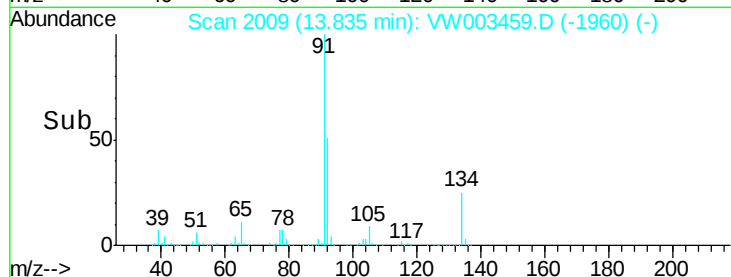
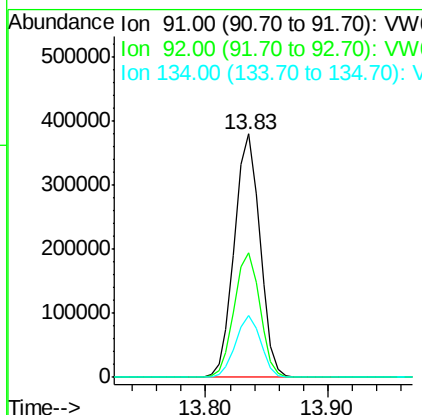
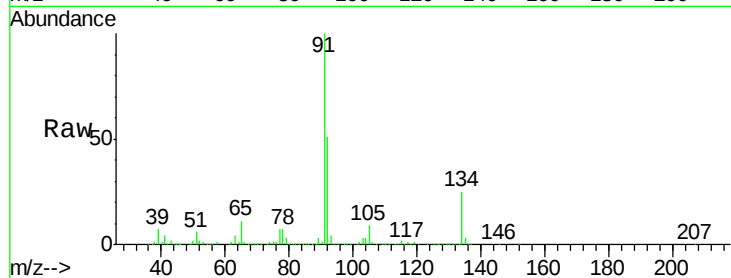
#89
n-Butylbenzene
Concen: 47.33 ug/l
RT: 13.83 min Scan# 2009
Delta R.T. 0.00 min
Lab File: VW003459.D
Acq: 23 Jun 2018 14:45

Instrument :
MSVOA_W
ClientSampleId :
WP021SB482-15-17-180619MS

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.6	26.0	78.0
134	25.3	12.7	38.0

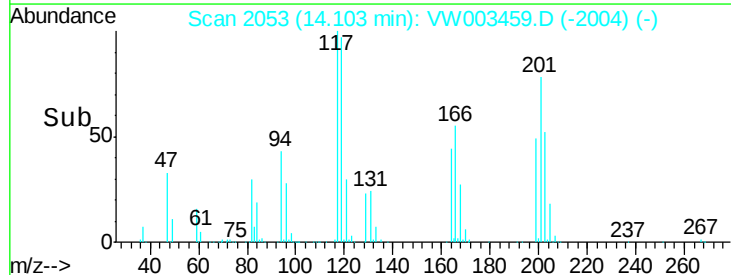
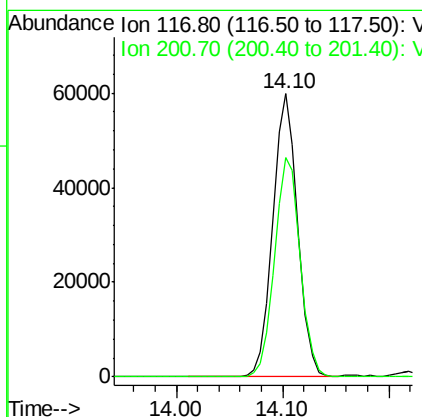
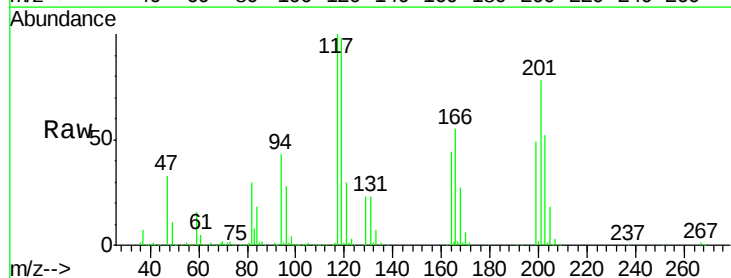
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#90
Hexachloroethane
Concen: 45.40 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.00 min
Lab File: VW003459.D
Acq: 23 Jun 2018 14:45

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.2	39.5	118.5





#91

1,2-Dichlorobenzene

Concen: 49.84 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. 0.00 min

Lab File: VW003459.D

Acq: 23 Jun 2018 14:45

Instrument :

MSVOA_W

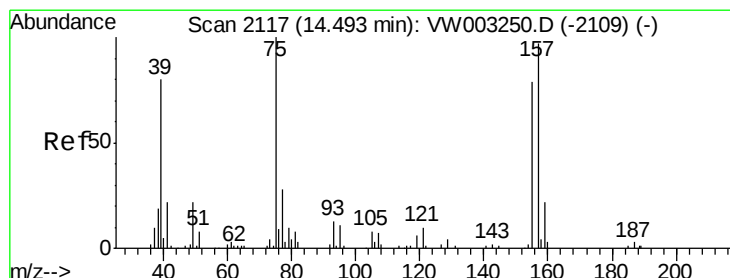
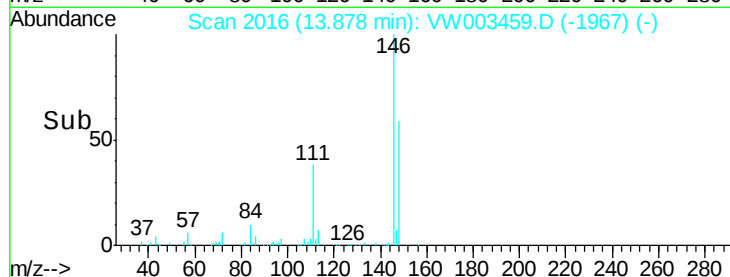
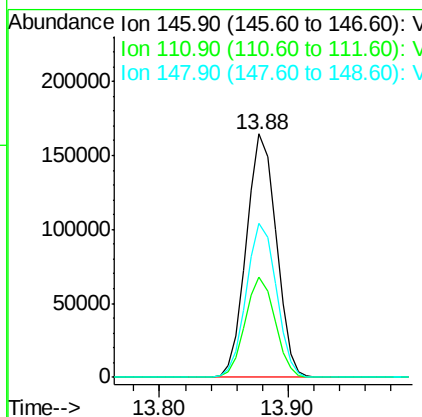
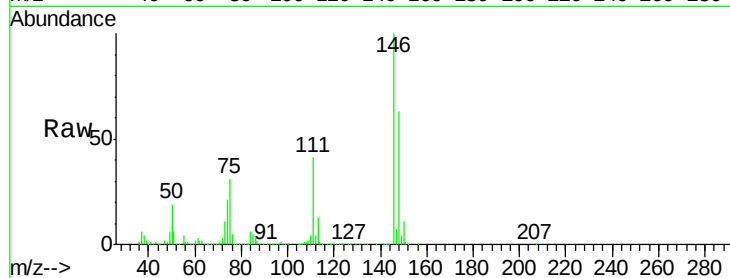
ClientSampleId :

WP021SB482-15-17-180619MS

Tot Ion:	146	Resp:	264249
Ion Ratio	Lower	Upper	
146	100		
111	41.0	20.3	61.0
148	63.5	32.3	96.9

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#92

1,2-Dibromo-3-Chloropropane

Concen: 55.34 ug/l

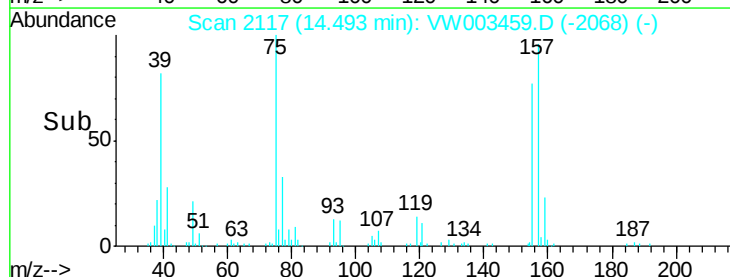
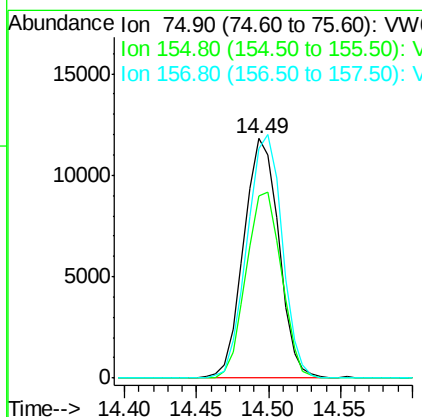
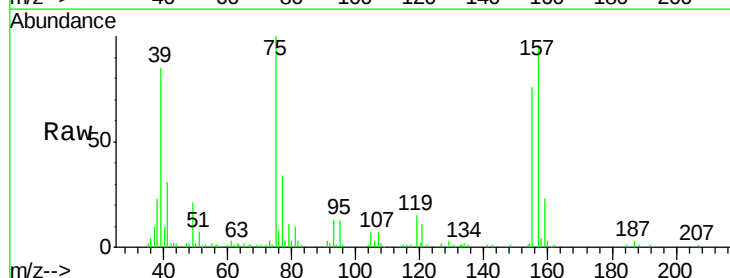
RT: 14.49 min Scan# 2117

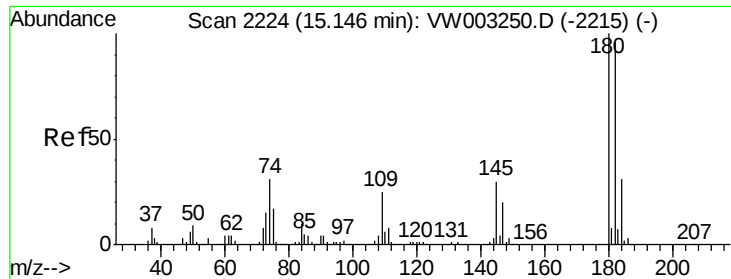
Delta R.T. 0.00 min

Lab File: VW003459.D

Acq: 23 Jun 2018 14:45

Tgt Ion:	75	Resp:	19930
Ion Ratio	Lower	Upper	
75	100		
155	77.9	39.4	118.2
157	101.4	51.5	154.5





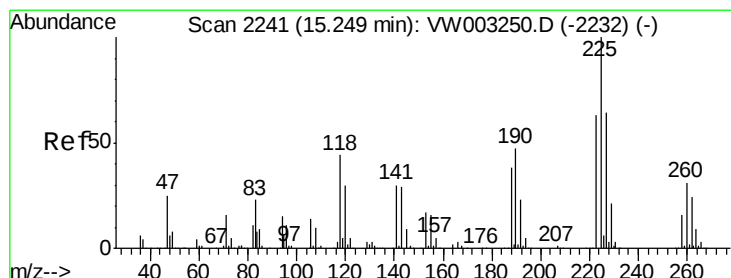
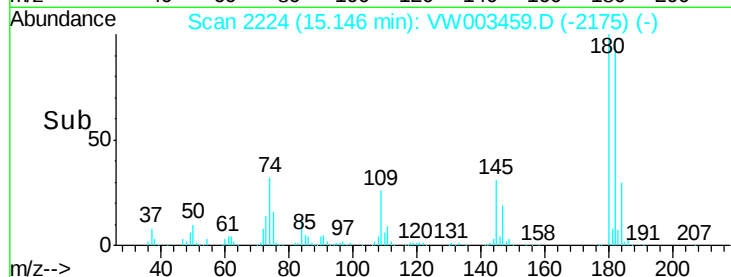
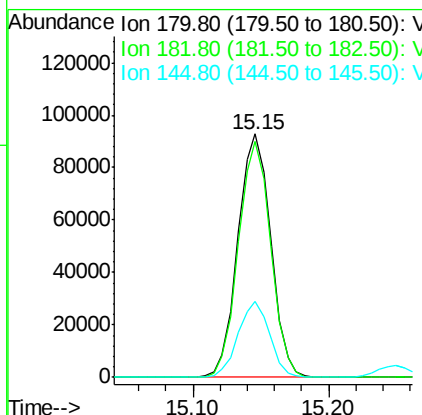
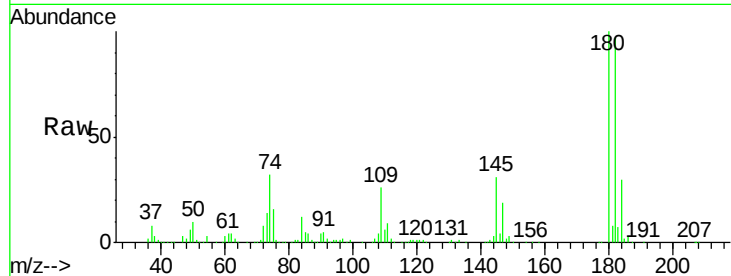
#93
 1,2,4-Trichlorobenzene
 Concen: 42.04 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW003459.D
 Acq: 23 Jun 2018 14:45

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB482-15-17-180619MS

Tot Ion	Ratio	Resp	Lower	Upper
180	100	156456		
182	95.5	47.9	143.6	
145	30.0	15.2	45.5	

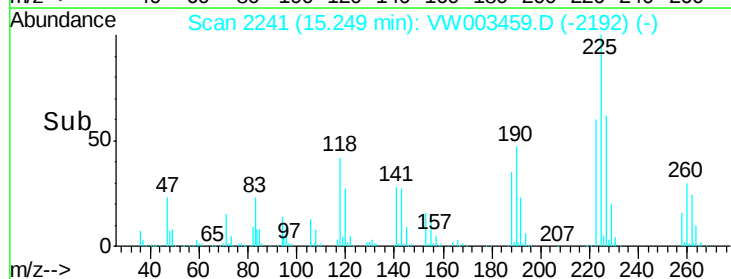
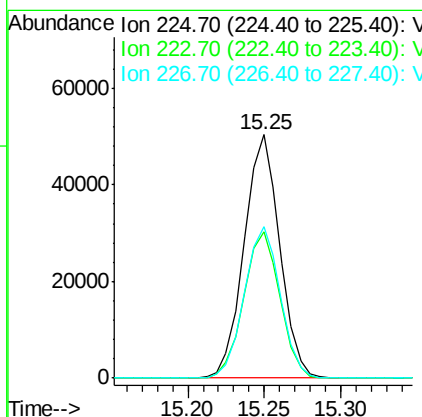
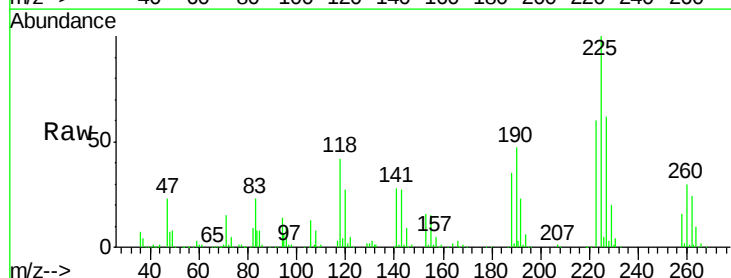
Manual Integrations
 APPROVED

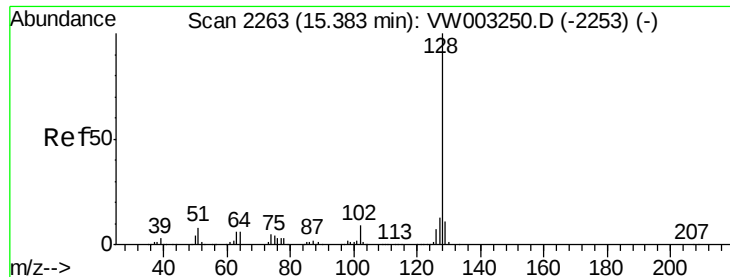
apatel
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#94
 Hexachlorobutadiene
 Concen: 36.29 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: VW003459.D
 Acq: 23 Jun 2018 14:45

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	81236		
223	61.3	30.6	92.0	
227	63.0	31.7	95.1	





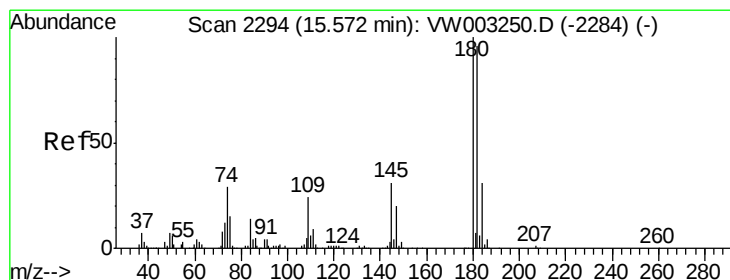
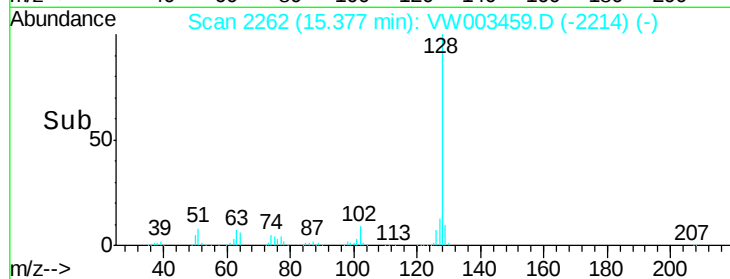
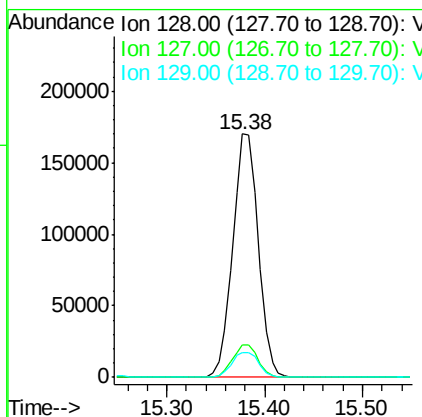
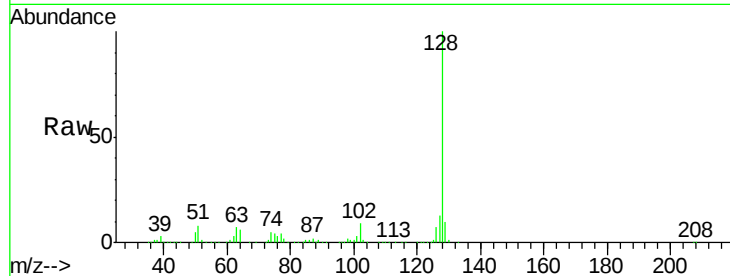
#95
Naphthalene
Concen: 48.72 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. -0.01 min
Lab File: VW003459.D
Acq: 23 Jun 2018 14:45

Instrument :
MSVOA_W
ClientSampleId :
WP021SB482-15-17-180619MS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	307594		
127	13.5		10.5	15.7
129	10.9		8.9	13.3

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 41.19 ug/l
RT: 15.57 min Scan# 2294
Delta R.T. 0.00 min
Lab File: VW003459.D
Acq: 23 Jun 2018 14:45

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	134923		
182	96.0		47.9	143.6
145	32.1		15.8	47.4

