

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062318\
 Data File : VW003460.D
 Acq On : 23 Jun 2018 15:11
 Operator : SY/AP
 Sample : J3664-03MSD
 Misc : 6.35G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

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

Manual Integrations
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 6/25/2018 7:12:35 PM

Quant Time: Jun 25 03:52:03 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	252931	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	396323	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	359672	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	171449	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	148334	54.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.28%	
35) Dibromofluoromethane	7.89	113	127847	51.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.82%	
50) Toluene-d8	10.33	98	516992	52.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.88%	
62) 4-Bromofluorobenzene	12.62	95	175208	50.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	65719	85.94	ug/l	89
3) Chloromethane	2.21	50	92819	48.04	ug/l	95
4) Vinyl Chloride	2.36	62	133963	47.56	ug/l	98
5) Bromomethane	2.78	94	78742	42.06	ug/l	99
6) Chloroethane	2.92	64	85987	43.86	ug/l	93
7) Trichlorofluoromethane	3.26	101	93146	55.20	ug/l	97
8) Diethyl Ether	3.68	74	57998	46.79	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	4.06	101	112341	47.95	ug/l	99
10) Methyl Iodide	4.26	142	167103	47.16	ug/l	100
11) Tert butyl alcohol	5.25	59	38710	263.46	ug/l	100
12) 1,1-Dichloroethene	4.03	96	112192	49.00	ug/l	99
13) Acrolein	3.90	56	17366	82.67	ug/l	92
14) Allyl chloride	4.67	41	144633	36.47	ug/l	97
15) Acrylonitrile	5.38	53	132700	260.21	ug/l	99
16) Acetone	4.15	43	224220	390.23	ug/l	99
17) Carbon Disulfide	4.37	76	335652	49.59	ug/l	99
18) Methyl Acetate	4.68	43	110876	81.34	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	220881	51.51	ug/l	97
20) Methylene Chloride	4.91	84	123479	50.64	ug/l	100
21) trans-1,2-Dichloroethene	5.42	96	121436	48.73	ug/l	95
22) Diisopropyl ether	6.32	45	393552	49.30	ug/l	98
23) Vinyl Acetate	6.26	43	643202	139.83	ug/l	100
24) 1,1-Dichloroethane	6.21	63	233553	49.29	ug/l	99
25) 2-Butanone	7.18	43	215110	301.07	ug/l	97
26) 2,2-Dichloropropane	7.17	77	152855	48.33	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	133770	48.87	ug/l	99
28) Bromochloromethane	7.51	49	110631	56.10	ug/l	98
29) Tetrahydrofuran	7.54	42	116328	266.40	ug/l	100
30) Chloroform	7.68	83	242593	50.25	ug/l	99
31) Cyclohexane	7.96	56	206282	46.60	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	197787	49.64	ug/l	99
36) 1,1-Dichloropropene	8.09	75	186967	48.85	ug/l	100
37) Ethyl Acetate	7.26	43	74433	46.94	ug/l	98
38) Carbon Tetrachloride	8.07	117	168110	44.78	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	214744	48.49	ug/l	99
40) Benzene	8.33	78	673634	63.85	ug/l	98
41) Methacrylonitrile	7.49	41	49049	50.41	ug/l	99
42) 1,2-Dichloroethane	8.40	62	162769	49.24	ug/l	99
43) Isopropyl Acetate	8.43	43	155082	49.26	ug/l	99
44) Trichloroethene	9.10	130	137227	49.09	ug/l	99
45) 1,2-Dichloropropane	9.37	63	132894	49.47	ug/l	98
46) Dibromomethane	9.46	93	69717	50.69	ug/l	98
47) Bromodichloromethane	9.65	83	162590	46.12	ug/l	98
48) Methyl methacrylate	9.44	41	81189	54.87	ug/l	97
49) 1,4-Dioxane	9.49	88	17238	830.14	ug/l	81
51) 4-Methyl-2-Pentanone	10.22	43	435900	271.71	ug/l	100
52) Toluene	10.39	92	356945	52.76	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	160683	44.62	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	174844	42.66	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	97399	50.26	ug/l	98
56) Ethyl methacrylate	10.65	69	120787	51.33	ug/l	97
57) 1,3-Dichloropropane	10.94	76	169308	50.65	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	278448	263.94	ug/l	99
59) 2-Hexanone	10.98	43	320288	285.78	ug/l	99
60) Dibromochloromethane	11.13	129	97045	42.11	ug/l	100
61) 1,2-Dibromoethane	11.24	107	91070	49.68	ug/l	100
64) Tetrachloroethene	10.87	164	128362	53.36	ug/l	97
65) Chlorobenzene	11.66	112	1068186	142.62	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	125130	47.54	ug/l	99
67) Ethyl Benzene	11.74	91	664732	50.07	ug/l	100
68) m/p-Xylenes	11.85	106	493716	97.82	ug/l	99
69) o-Xylene	12.17	106	229323	49.03	ug/l	99
70) Styrene	12.19	104	375158	48.19	ug/l	100
71) Bromoform	12.35	173	51697	37.90	ug/l #	100
73) Isopropylbenzene	12.47	105	641499	53.79	ug/l	100
74) N-amyl acetate	12.28	43	101174	37.27	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	112975	56.00	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	80640m	55.02	ug/l	
77) Bromobenzene	12.76	156	142295	51.24	ug/l	98
78) n-propylbenzene	12.81	91	766653	52.50	ug/l	100
79) 2-Chlorotoluene	12.90	91	425970	51.62	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	519805	51.93	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	14585	22.90	ug/l #	79
82) 4-Chlorotoluene	12.99	91	442016	50.49	ug/l	100
83) tert-Butylbenzene	13.21	119	446534	52.35	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	534938	51.95	ug/l	100
85) sec-Butylbenzene	13.39	105	636179	50.17	ug/l	100
86) p-Isopropyltoluene	13.51	119	557229	49.83	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	270292	47.38	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	266910	47.06	ug/l	99
89) n-Butylbenzene	13.84	91	505704	46.39	ug/l	100
90) Hexachloroethane	14.10	117	89199	44.09	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	244139	48.85	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	18968	55.87	ug/l	97

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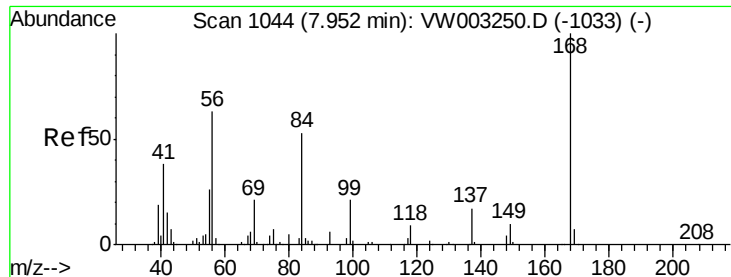
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	126084	35.94	ug/l	100
94) Hexachlorobutadiene	15.25	225	65500	31.04	ug/l	99
95) Naphthalene	15.38	128	259848	43.66	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	106613	34.52	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

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Instrument :

MSVOA_W

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Tot Ion:168 Resp: 252931

Ion Ratio Lower Upper

168 100

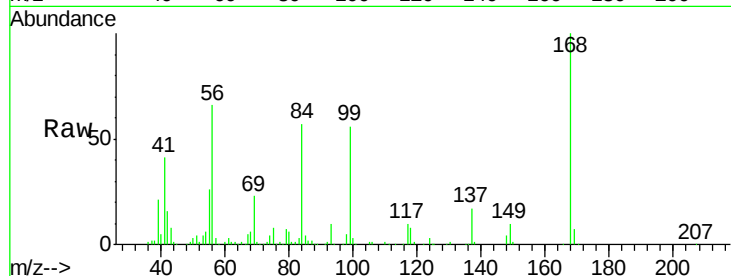
99 55.8 45.5 68.3

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

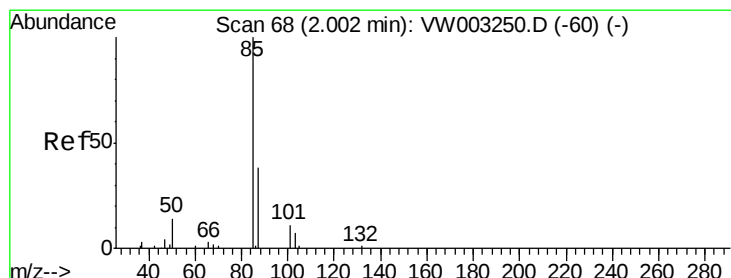
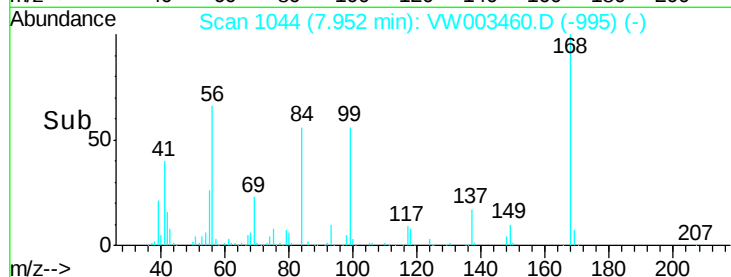
7.95

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 85.94 ug/l

RT: 2.01 min Scan# 69

Delta R.T. 0.01 min

Lab File: VW003460.D

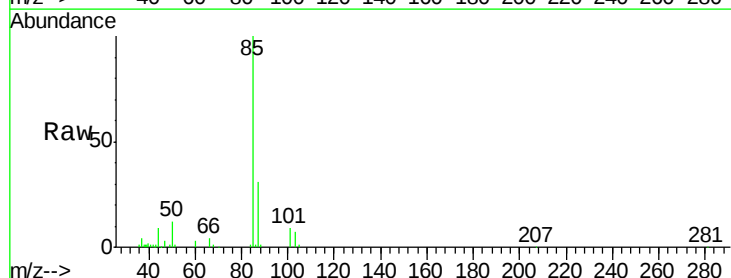
Acq: 23 Jun 2018 15:11

Tgt Ion: 85 Resp: 65719

Ion Ratio Lower Upper

85 100

87 31.1 18.9 56.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

20000

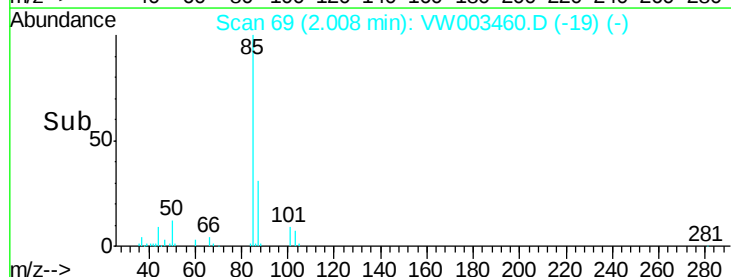
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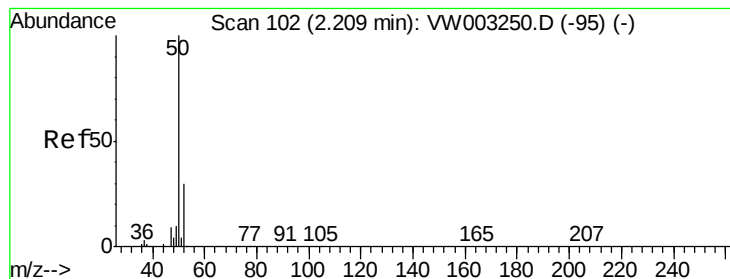
10000

5000

0

Time-->





#3

Chloromethane

Concen: 48.04 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW003460.D

Acq: 23 Jun 2018 15:11

Instrument :

MSVOA_W

ClientSampleId :

WP021SB482-15-17-180619MSD

Tot Ion: 50 Resp: 92819

Ion Ratio Lower Upper

50 100

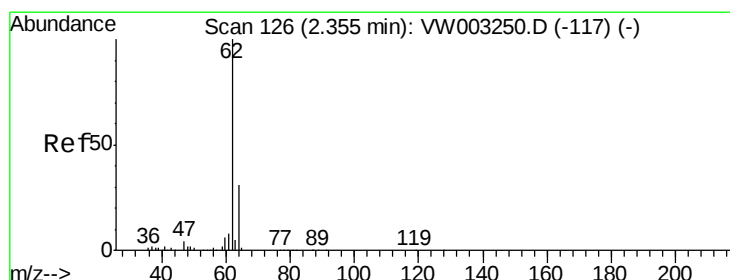
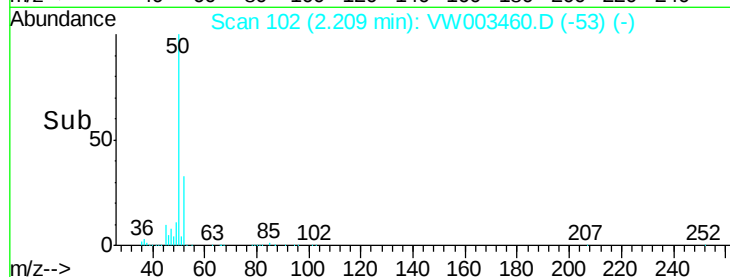
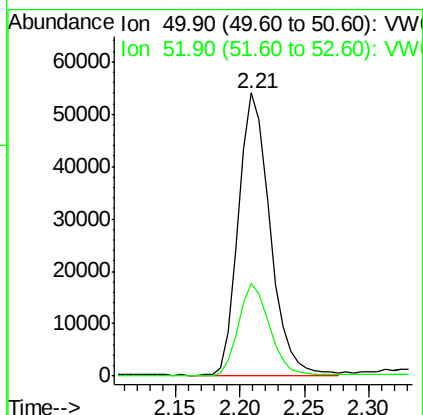
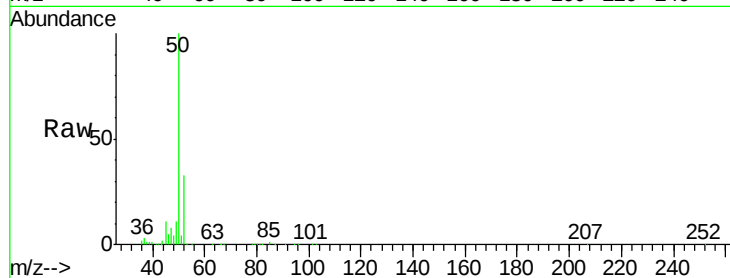
52 32.9 24.2 36.2

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#4

Vinyl Chloride

Concen: 47.56 ug/l

RT: 2.36 min Scan# 127

Delta R.T. 0.01 min

Lab File: VW003460.D

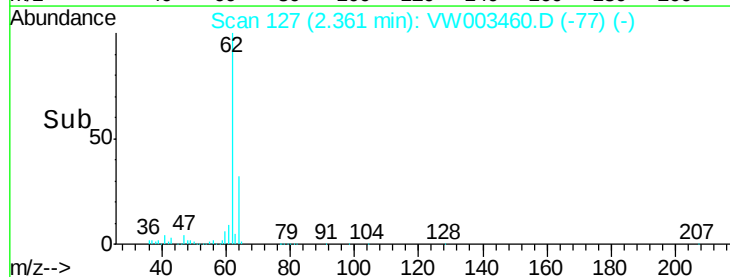
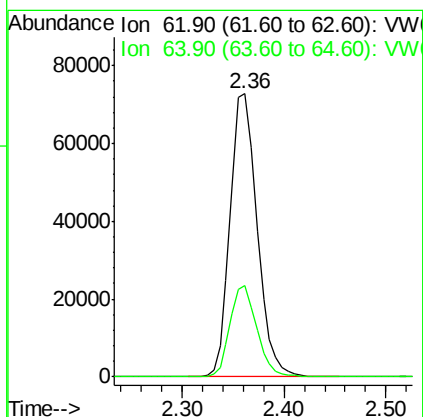
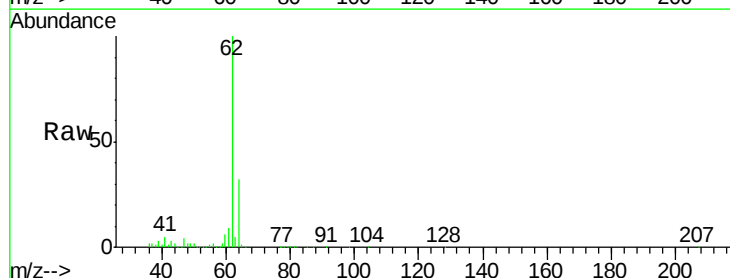
Acq: 23 Jun 2018 15:11

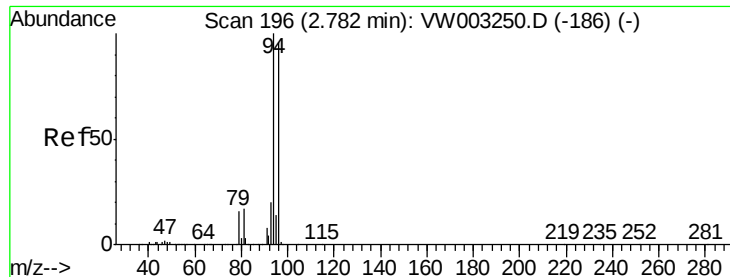
Tgt Ion: 62 Resp: 133963

Ion Ratio Lower Upper

62 100

64 32.1 24.9 37.3





#5

Bromomethane

Concen: 42.06 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.00 min

Lab File: VW003460.D

Acq: 23 Jun 2018 15:11

Instrument :

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Tot Ion: 94 Resp: 78742

Ion Ratio Lower Upper

94 100

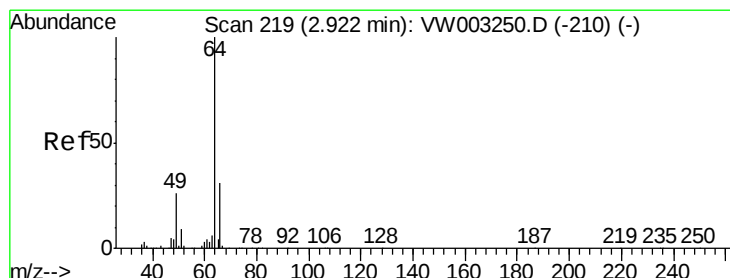
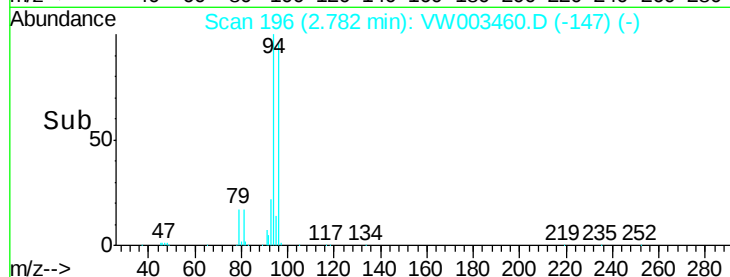
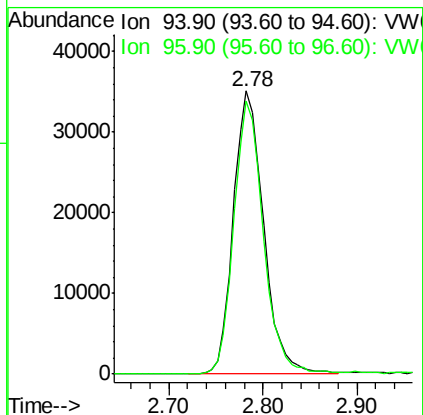
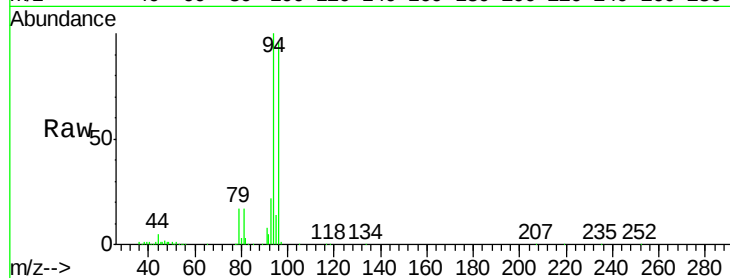
96 96.5 76.5 114.7

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#6

Chloroethane

Concen: 43.86 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.00 min

Lab File: VW003460.D

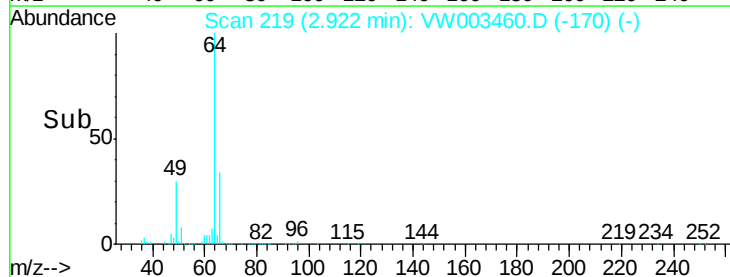
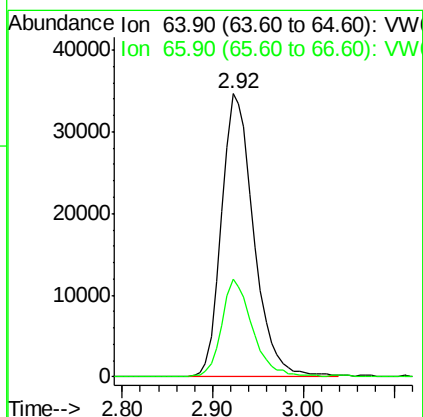
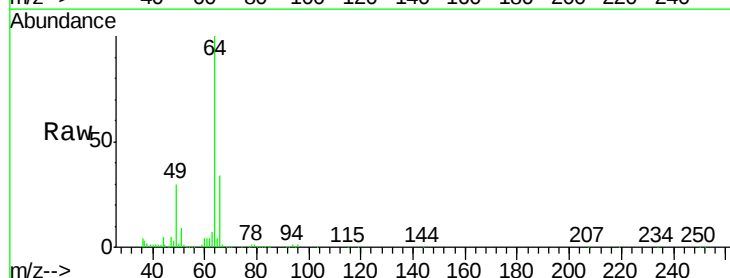
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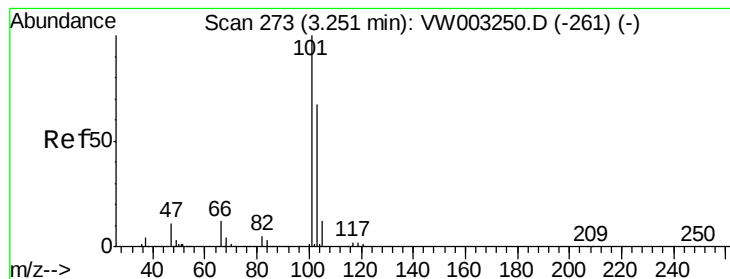
Tgt Ion: 64 Resp: 85987

Ion Ratio Lower Upper

64 100

66 34.4 24.4 36.6





#7

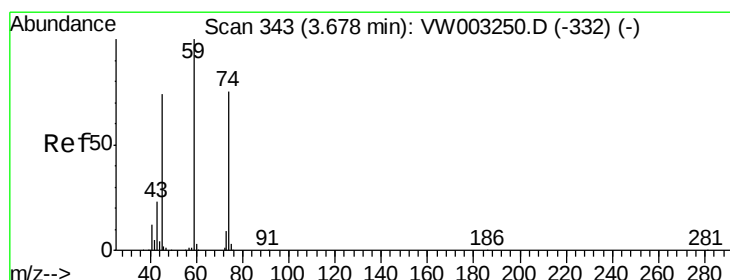
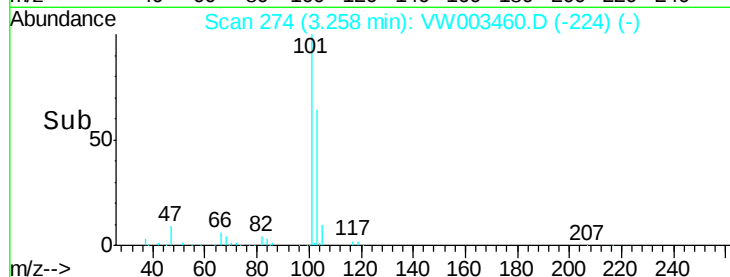
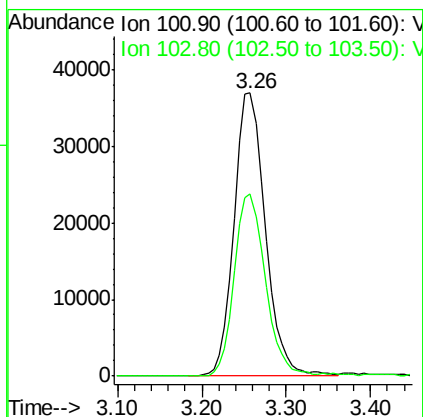
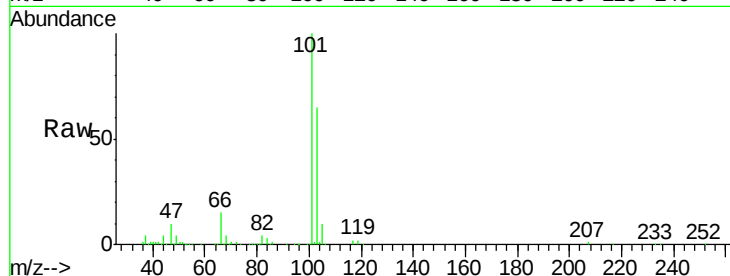
Trichlorofluoromethane
Concen: 55.20 ug/l
RT: 3.26 min Scan# 274
Delta R.T. 0.01 min
Lab File: VW003460.D
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Tot Ion:101 Resp: 93146
Ion Ratio Lower Upper
101 100
103 64.6 53.4 80.0

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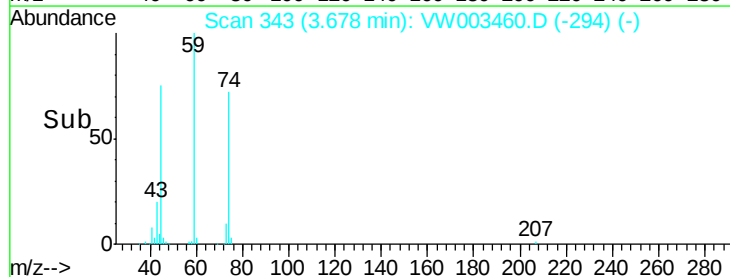
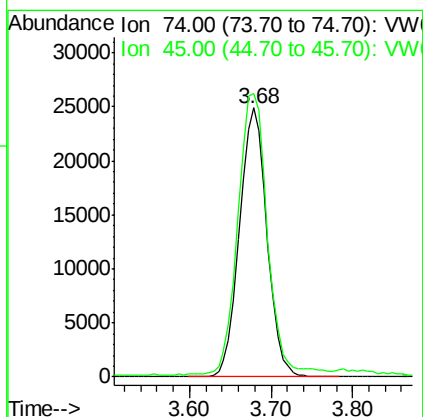
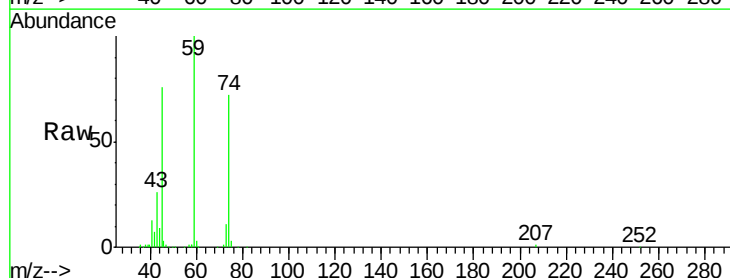
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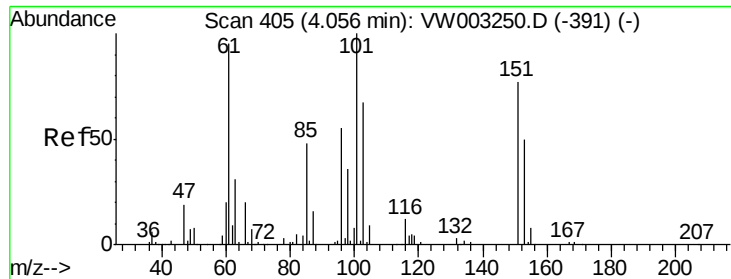


#8

Diethyl Ether
Concen: 46.79 ug/l
RT: 3.68 min Scan# 343
Delta R.T. 0.00 min
Lab File: VW003460.D
Acq: 23 Jun 2018 15:11

Tgt Ion: 74 Resp: 57998
Ion Ratio Lower Upper
74 100
45 114.4 51.4 154.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.95 ug/l

RT: 4.06 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW003460.D

Acq: 23 Jun 2018 15:11

Instrument :

MSVOA_W

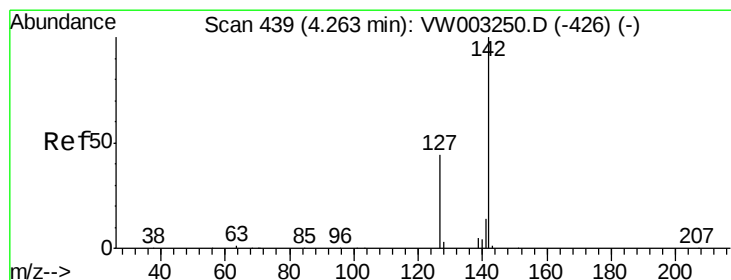
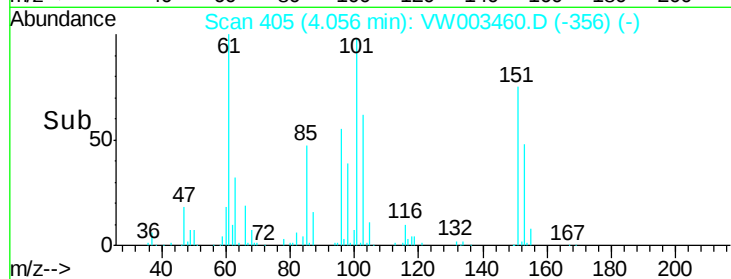
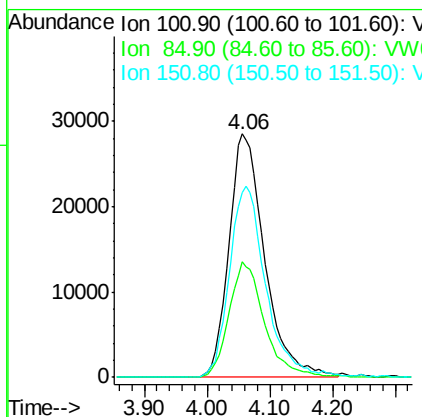
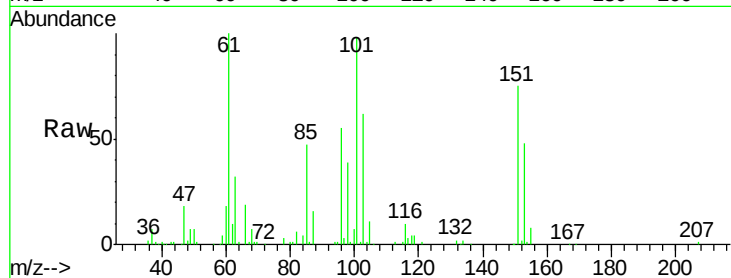
ClientSampleId :

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Tot Ion:	101	Resp:	112341
Ion Ratio	Lower	Upper	
101	100		
85	47.1	37.0	55.6
151	78.9	63.3	94.9

Manual Integrations
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#10

Methyl Iodide

Concen: 47.16 ug/l

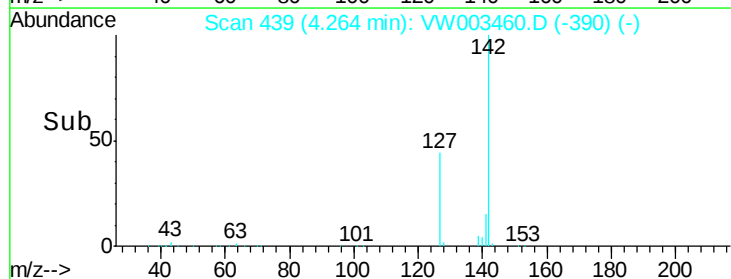
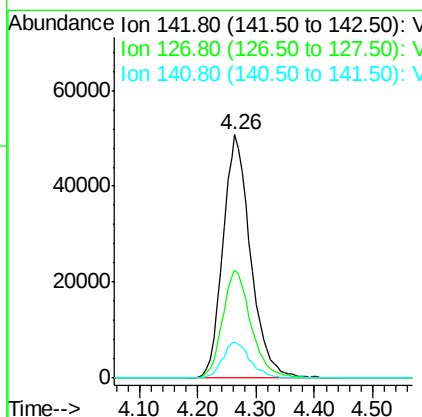
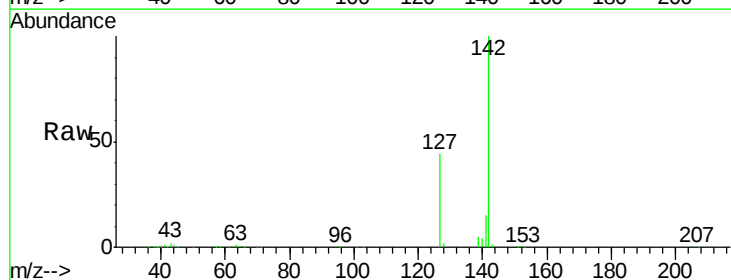
RT: 4.26 min Scan# 439

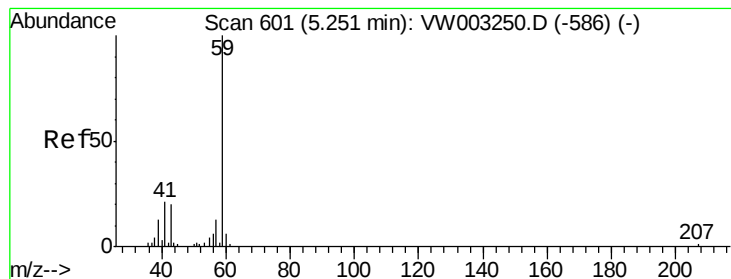
Delta R.T. 0.00 min

Lab File: VW003460.D

Acq: 23 Jun 2018 15:11

Tgt Ion:	142	Resp:	167103
Ion Ratio	Lower	Upper	
142	100		
127	45.7	36.5	54.7
141	14.8	12.1	18.1





#11

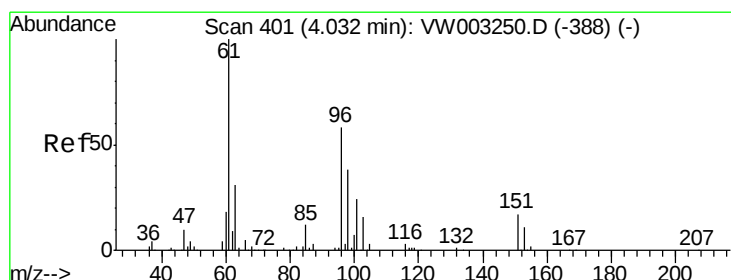
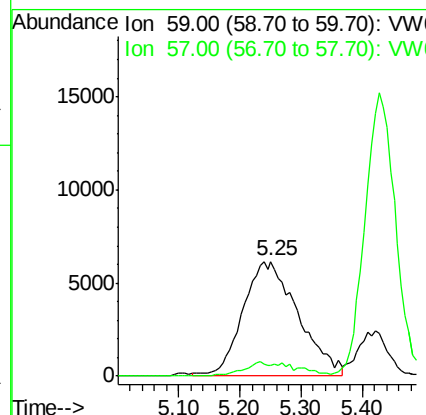
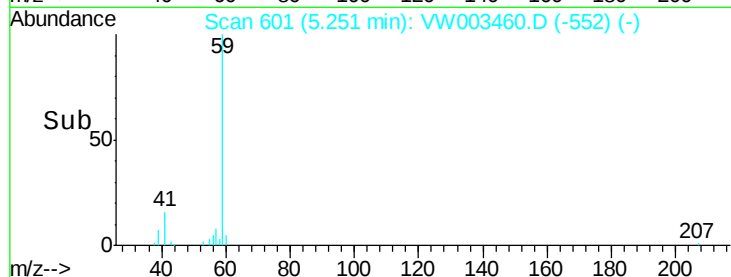
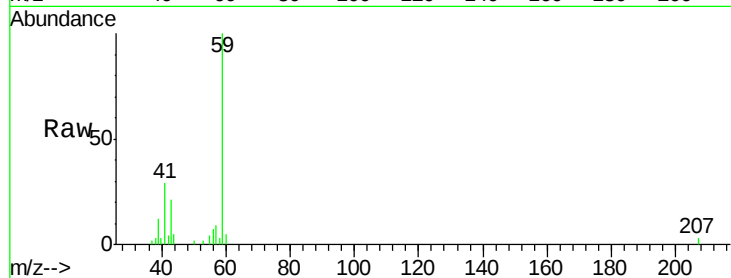
Tert butyl alcohol
Concen: 263.46 ug/l
RT: 5.25 min Scan# 601
Delta R.T. 0.00 min
Lab File: VW003460.D
Acq: 23 Jun 2018 15:11

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

Tot Ion	Ratio	Lower	Upper
59	100		
57	5.1	4.2	6.2

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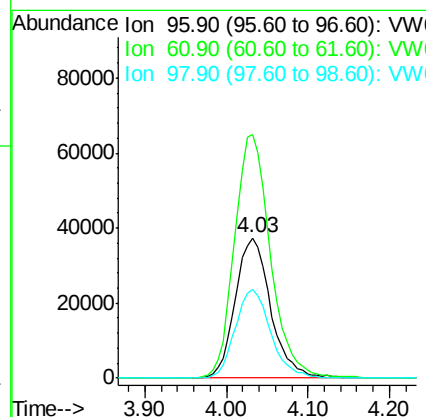
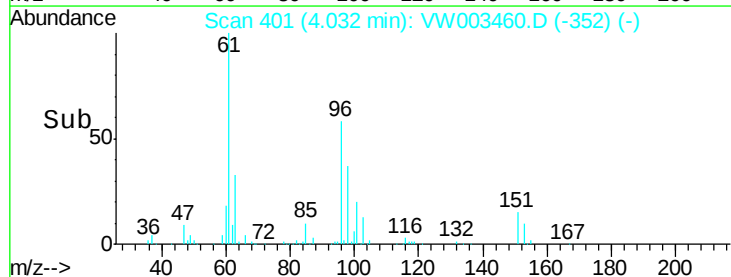
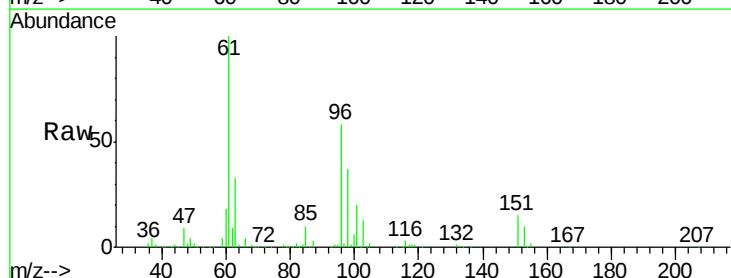
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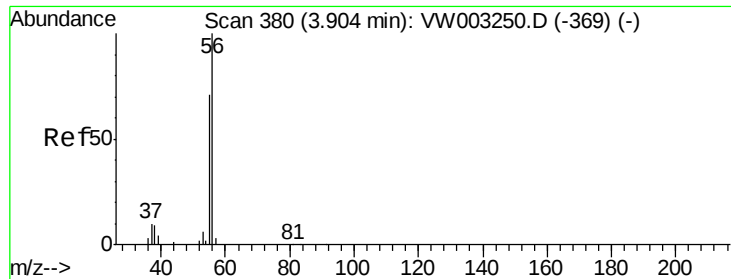


#12

1,1-Dichloroethene
Concen: 49.00 ug/l
RT: 4.03 min Scan# 401
Delta R.T. 0.00 min
Lab File: VW003460.D
Acq: 23 Jun 2018 15:11

Tgt Ion	Ratio	Lower	Upper
96	100		
61	173.9	139.0	208.4
98	63.7	53.3	79.9





#13

Acrolein

Concen: 82.67 ug/l

RT: 3.90 min Scan# 379

Delta R.T. -0.01 min

Lab File: VW003460.D

Acq: 23 Jun 2018 15:11

Instrument :

MSVOA_W

ClientSampleId :

WP021SB482-15-17-180619MSD

Tot Ion: 56 Resp: 17366

Ion Ratio Lower Upper

56 100

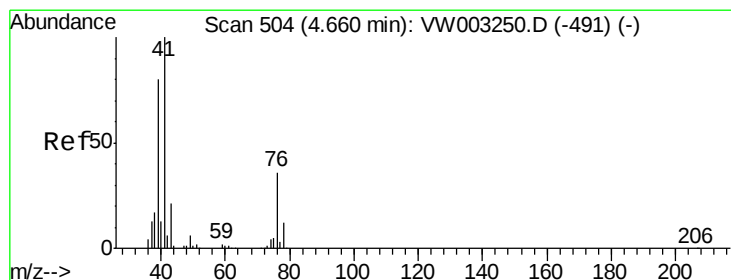
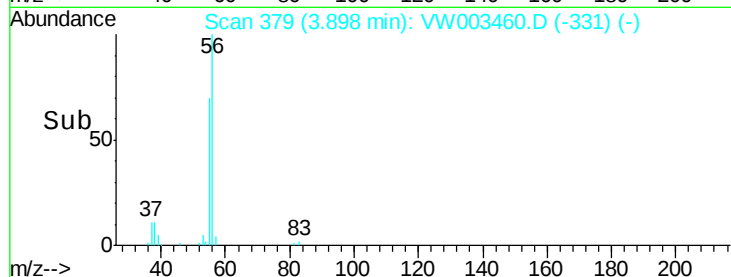
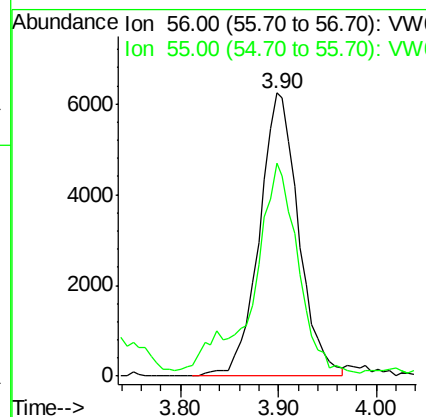
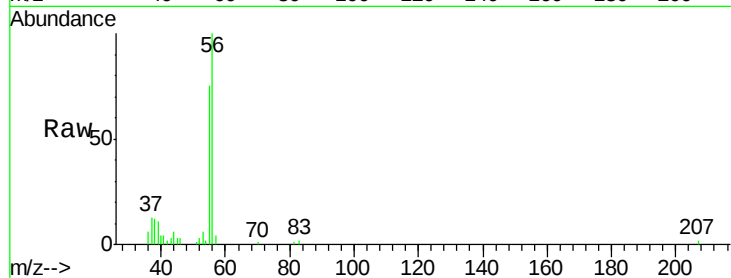
55 76.1 55.4 83.2

Manual Integrations

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#14

Allyl chloride

Concen: 36.47 ug/l

RT: 4.67 min Scan# 505

Delta R.T. 0.01 min

Lab File: VW003460.D

Acq: 23 Jun 2018 15:11

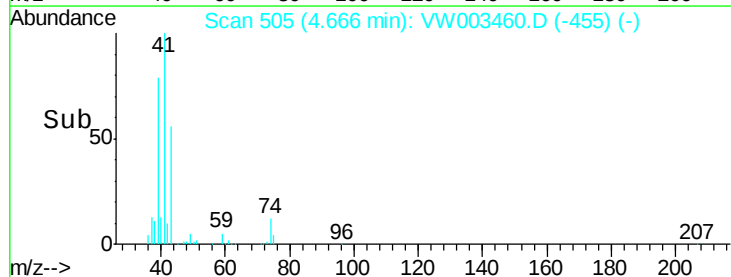
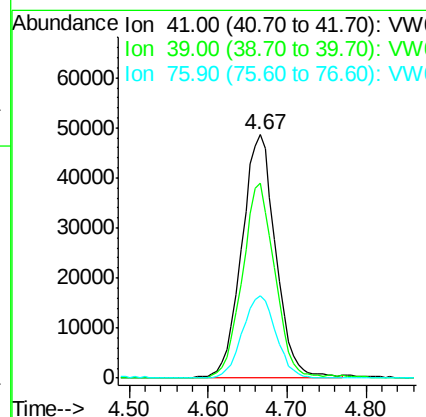
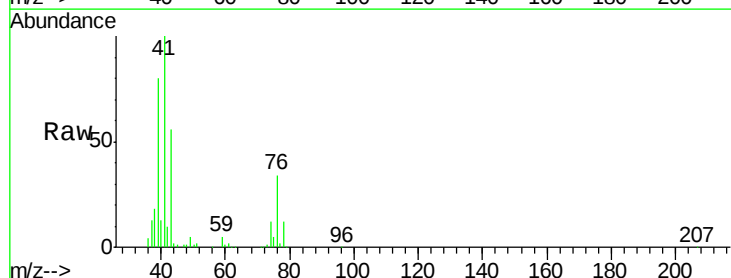
Tgt Ion: 41 Resp: 144633

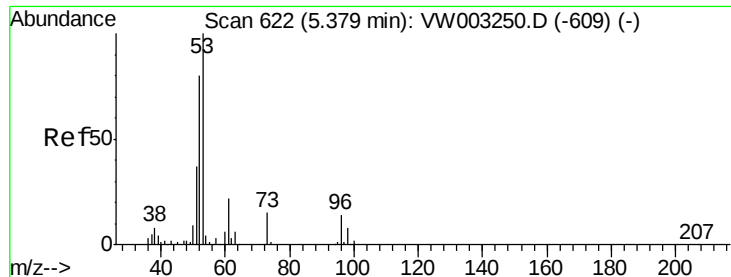
Ion Ratio Lower Upper

41 100

39 76.7 63.2 94.8

76 33.6 28.0 42.0





#15

Acrylonitrile

Concen: 260.21 ug/l

RT: 5.38 min Scan# 622

Delta R.T. 0.00 min

Lab File: VW003460.D

Acq: 23 Jun 2018 15:11

Instrument :

MSVOA_W

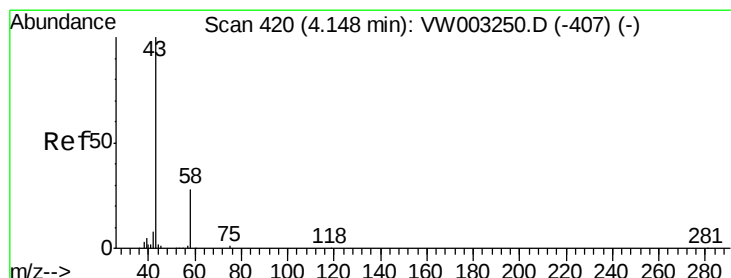
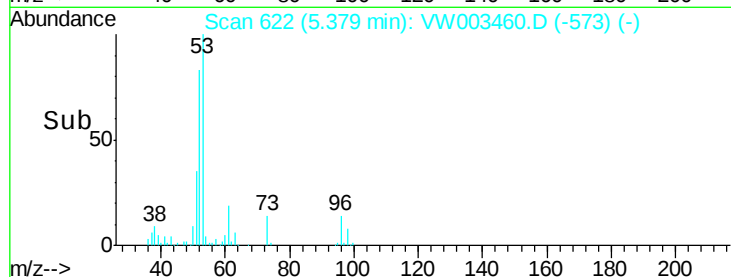
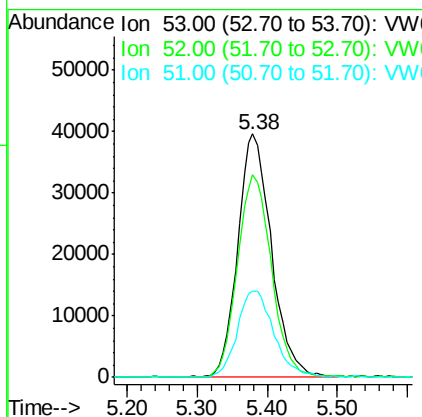
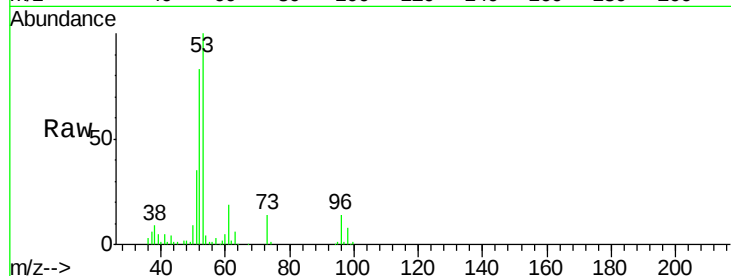
ClientSampleId :

WP021SB482-15-17-180619MSD

Tot Ion:	53	Resp:	132700
Ion Ratio	Lower	Upper	
53	100		
52	84.3	66.6	100.0
51	38.5	30.6	46.0

Manual Integrations
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#16

Acetone

Concen: 390.23 ug/l

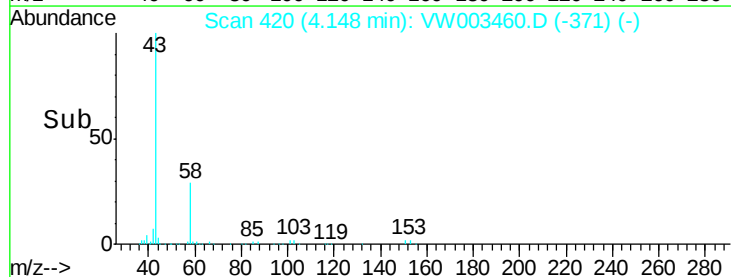
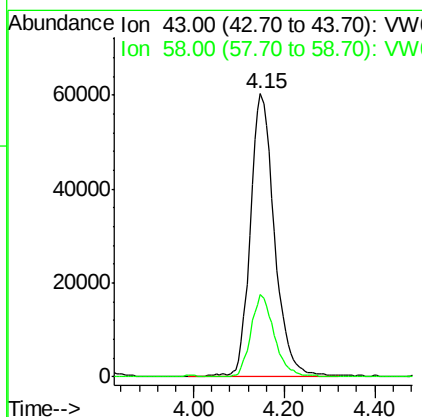
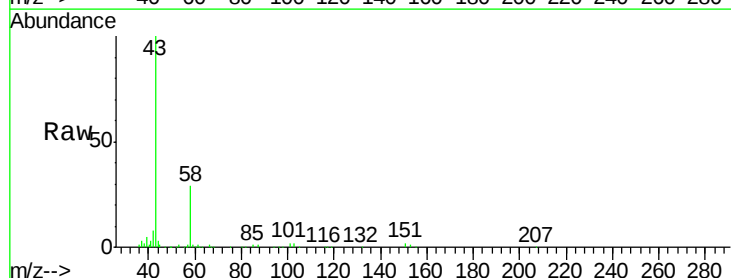
RT: 4.15 min Scan# 420

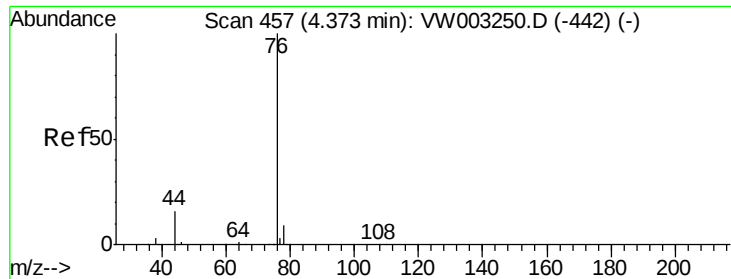
Delta R.T. 0.00 min

Lab File: VW003460.D

Acq: 23 Jun 2018 15:11

Tgt Ion:	43	Resp:	224220
Ion Ratio	Lower	Upper	
43	100		
58	28.9	22.6	34.0





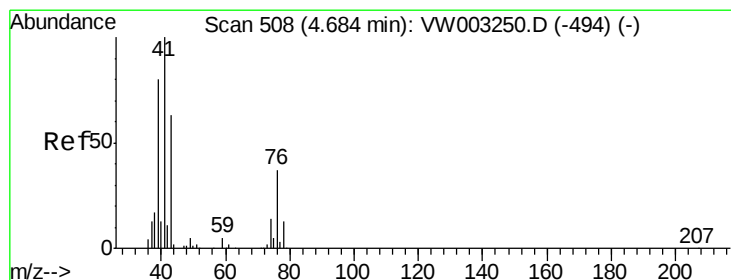
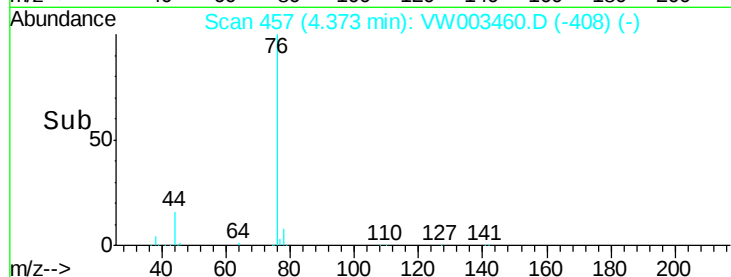
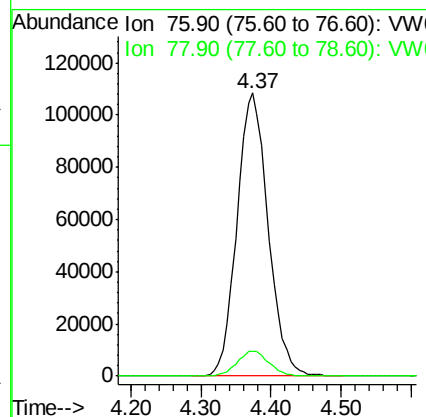
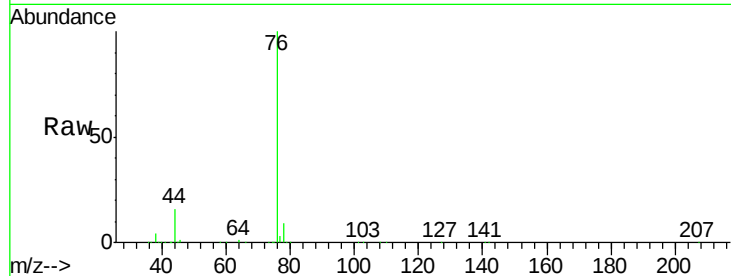
#17
Carbon Disulfide
Concen: 49.59 ug/l
RT: 4.37 min Scan# 457
Delta R.T. 0.00 min
Lab File: VW003460.D
Acq: 23 Jun 2018 15:11

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

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.6	7.1	10.7

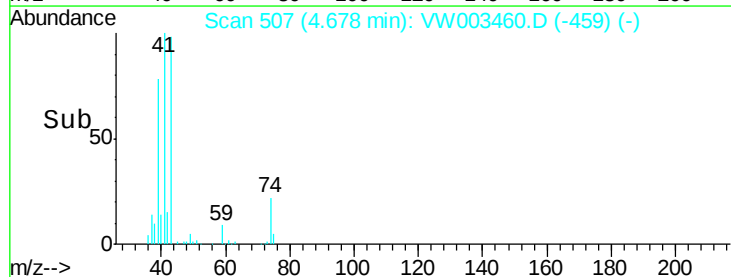
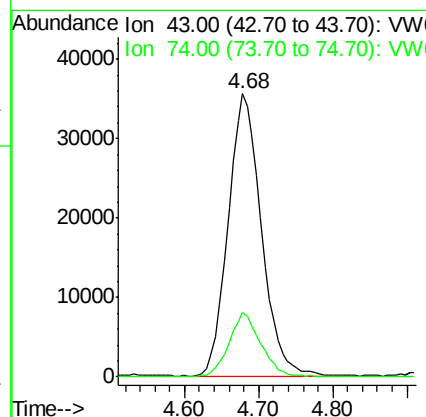
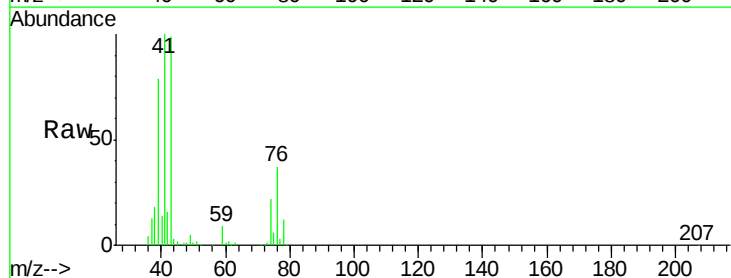
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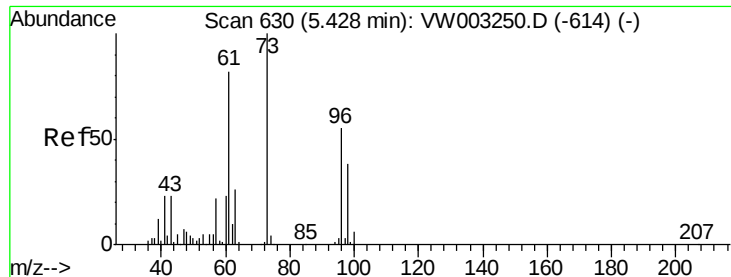
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#18
Methyl Acetate
Concen: 81.34 ug/l
RT: 4.68 min Scan# 507
Delta R.T. -0.01 min
Lab File: VW003460.D
Acq: 23 Jun 2018 15:11

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.7	18.7	28.1





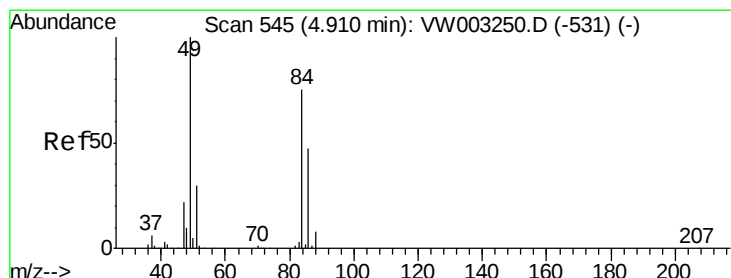
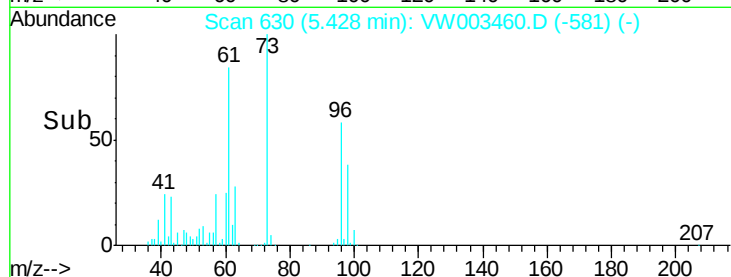
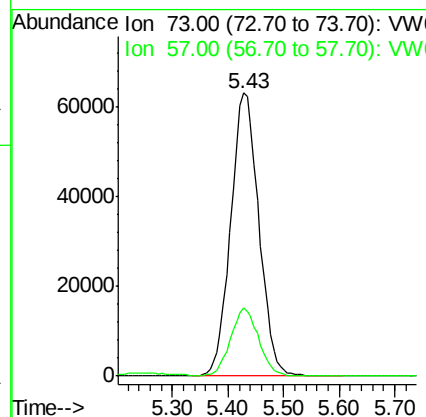
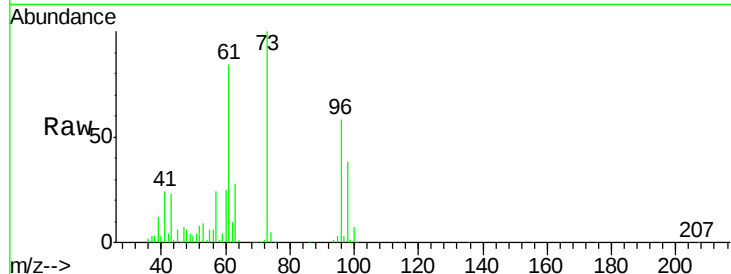
#19
Methvl tert-butvl Ether
Concen: 51.51 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.00 min
Lab File: VW003460.D
Acq: 23 Jun 2018 15:11

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

Tot Ion: 73 Resp: 220881
Ion Ratio Lower Upper
73 100
57 24.0 18.0 27.0

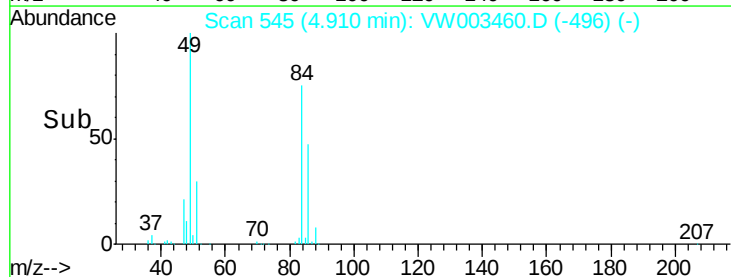
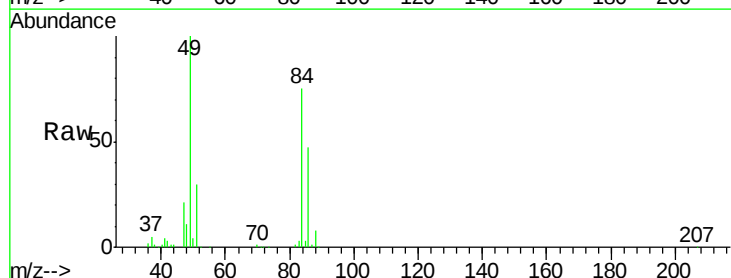
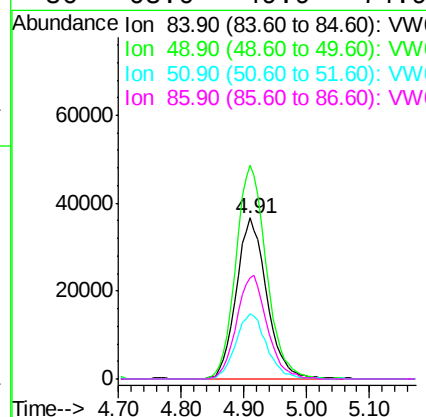
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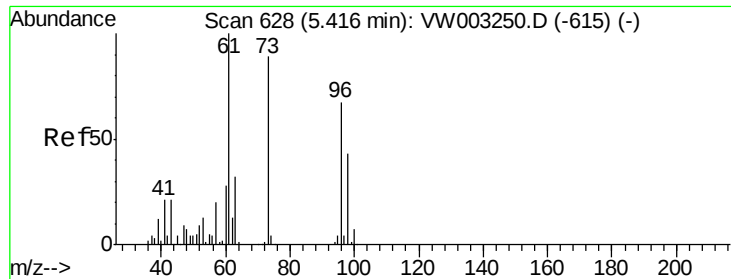
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#20
Methylene Chloride
Concen: 50.64 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003460.D
Acq: 23 Jun 2018 15:11

Tgt Ion: 84 Resp: 123479
Ion Ratio Lower Upper
84 100
49 132.9 106.3 159.5
51 40.3 32.0 48.0
86 63.0 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 48.73 ug/l

RT: 5.42 min Scan# 629

Delta R.T. 0.01 min

Lab File: VW003460.D

Acq: 23 Jun 2018 15:11

Instrument :

MSVOA_W

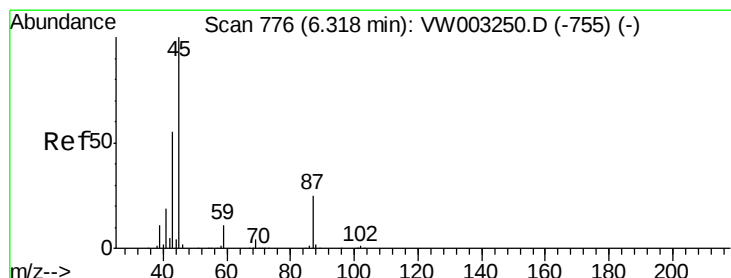
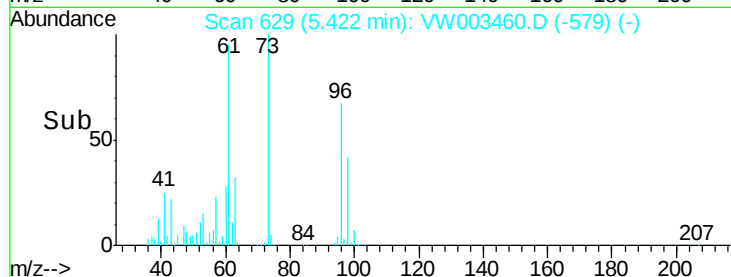
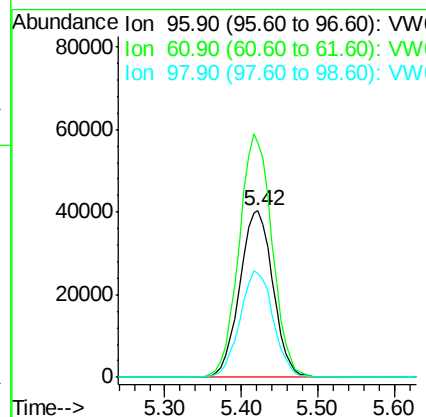
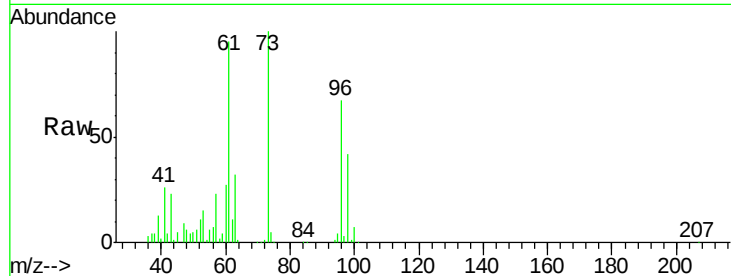
ClientSampleId :

WP021SB482-15-17-180619MSD

Tot Ion:	96	Resp:	121436
Ion Ratio	Lower	Upper	
96	100		
61	141.1	118.7	178.1
98	62.6	51.0	76.6

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#22

Diisopropyl ether

Concen: 49.30 ug/l

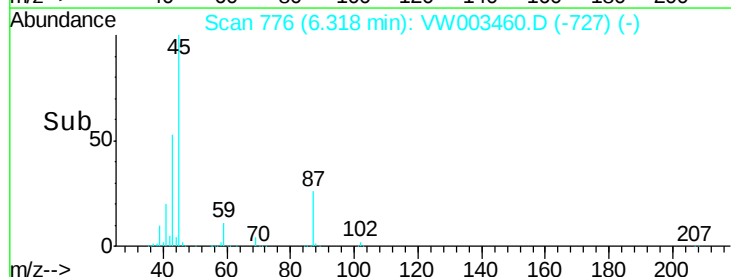
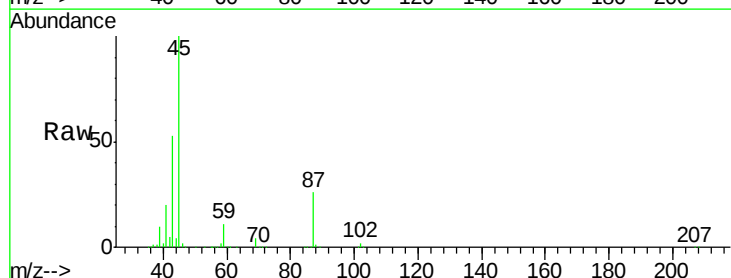
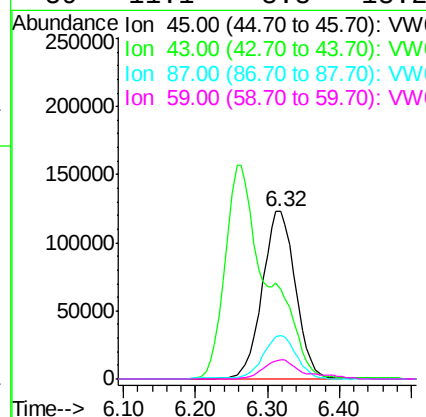
RT: 6.32 min Scan# 776

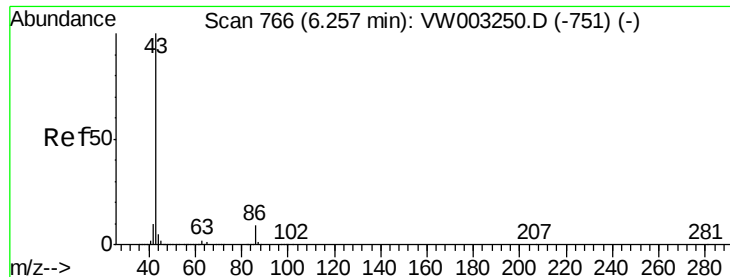
Delta R.T. 0.00 min

Lab File: VW003460.D

Acq: 23 Jun 2018 15:11

Tgt Ion:	45	Resp:	393552
Ion Ratio	Lower	Upper	
45	100		
43	53.2	44.0	66.0
87	25.5	20.6	31.0
59	11.1	8.8	13.2





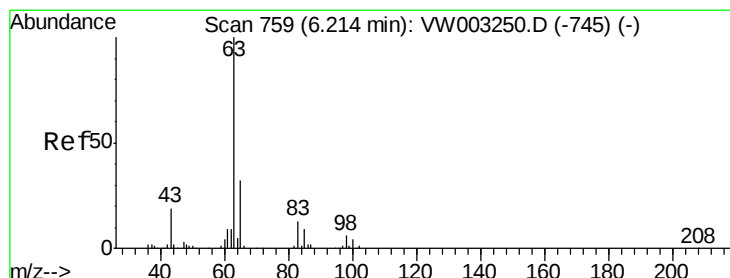
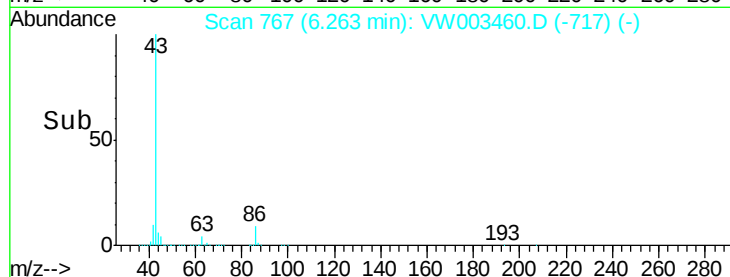
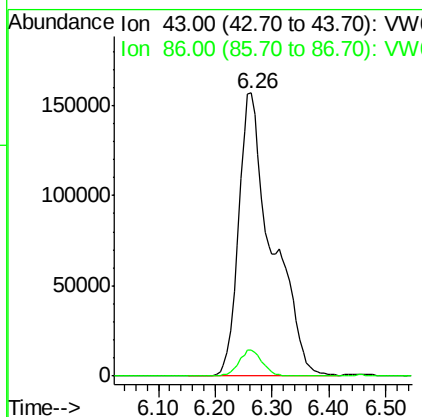
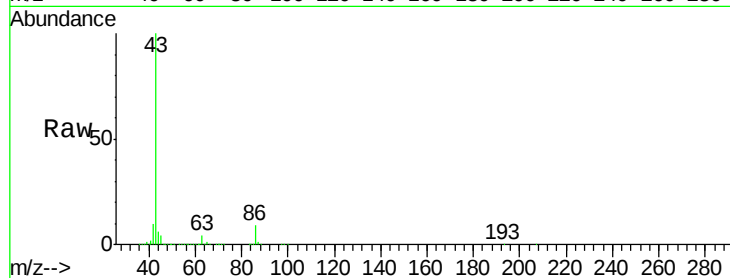
#23
 Vinyl Acetate
 Concen: 139.83 ug/l
 RT: 6.26 min Scan# 767
 Delta R.T. 0.01 min
 Lab File: VW003460.D
 Acq: 23 Jun 2018 15:11

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

Tot Ion	Ratio	Lower	Upper
43	100		
86	9.3	7.5	11.3

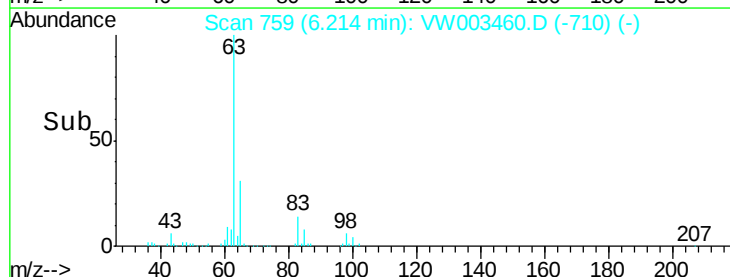
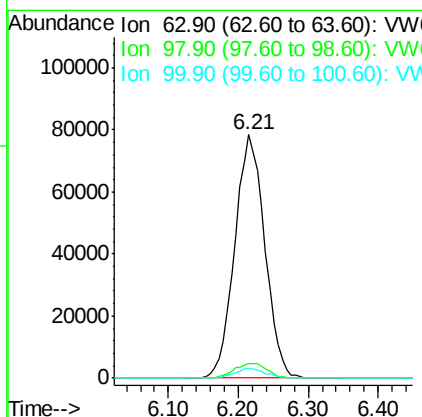
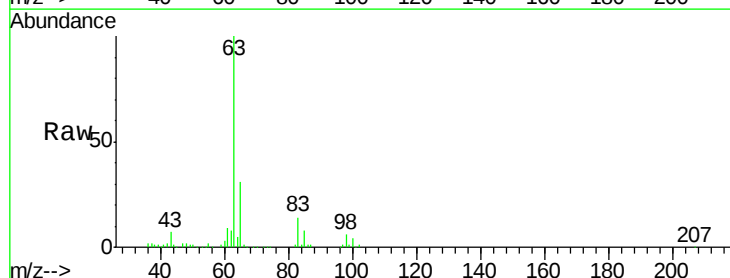
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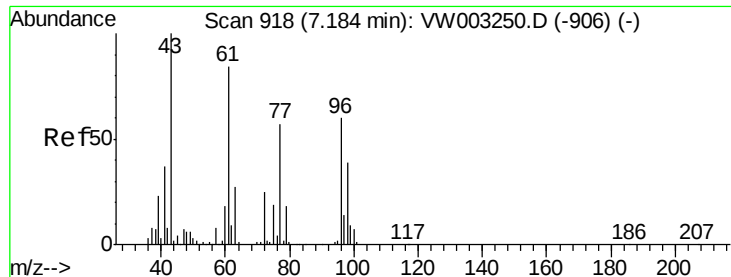
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#24
 1,1-Dichloroethane
 Concen: 49.29 ug/l
 RT: 6.21 min Scan# 759
 Delta R.T. 0.00 min
 Lab File: VW003460.D
 Acq: 23 Jun 2018 15:11

Tgt Ion	Ratio	Lower	Upper
63	100		
98	5.9	2.8	8.3
100	4.0	2.1	6.5





#25

2-Butanone

Concen: 301.07 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.00 min

Lab File: VW003460.D

Acq: 23 Jun 2018 15:11

Instrument :

MSVOA_W

ClientSampleId :

WP021SB482-15-17-180619MSD

Tot Ion: 43 Resp: 215110

Ion Ratio Lower Upper

43 100

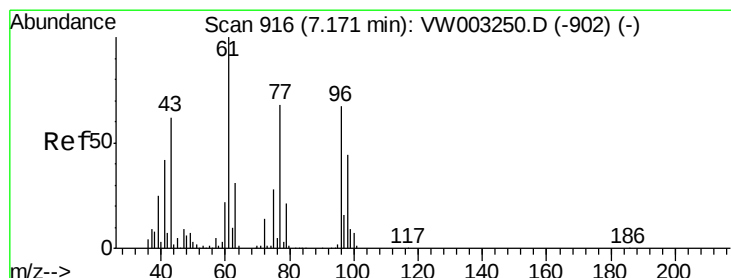
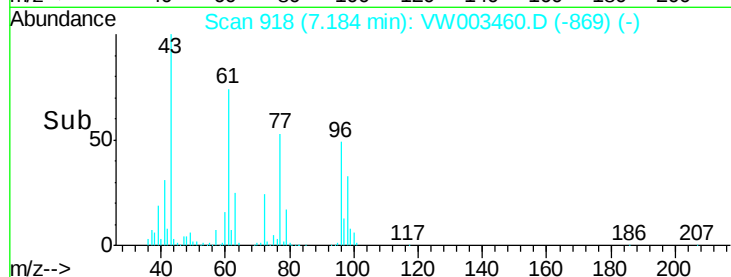
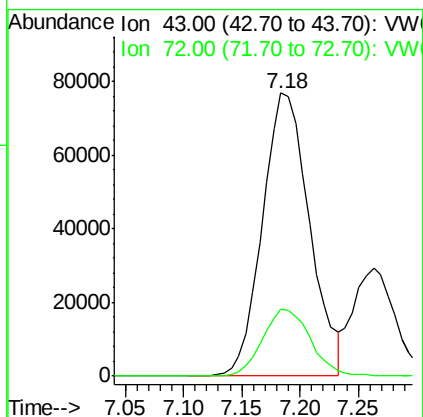
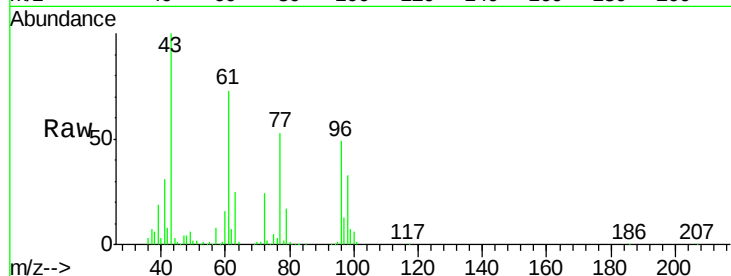
72 23.8 20.3 30.5

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 48.33 ug/l

RT: 7.17 min Scan# 916

Delta R.T. 0.00 min

Lab File: VW003460.D

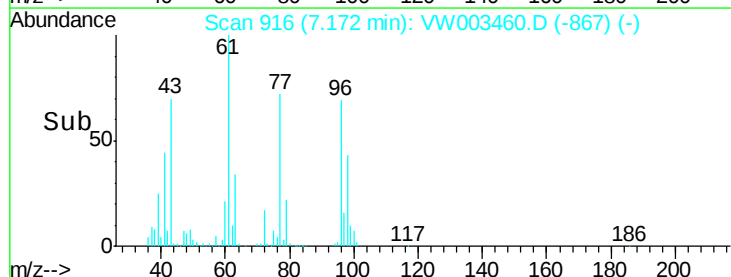
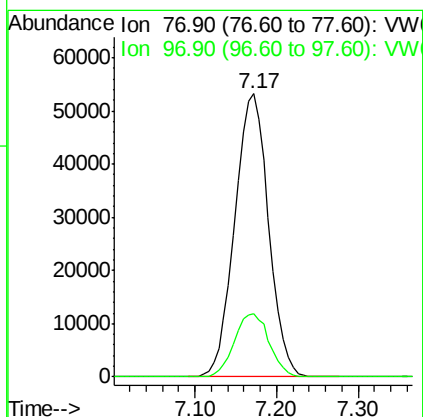
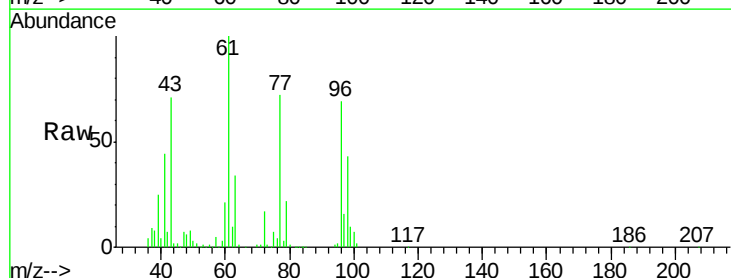
Acq: 23 Jun 2018 15:11

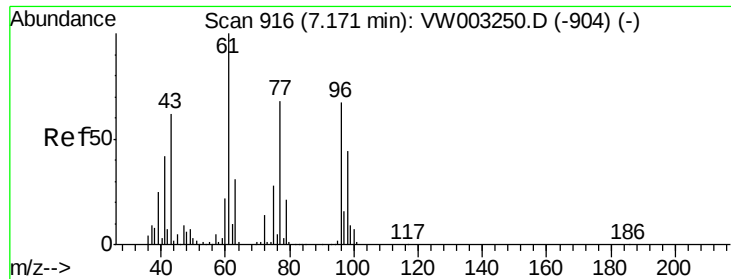
Tgt Ion: 77 Resp: 152855

Ion Ratio Lower Upper

77 100

97 23.0 11.3 33.9





#27

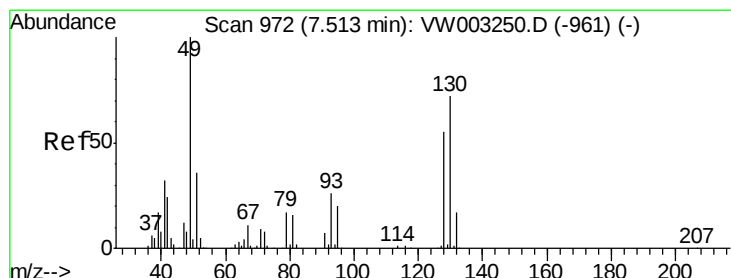
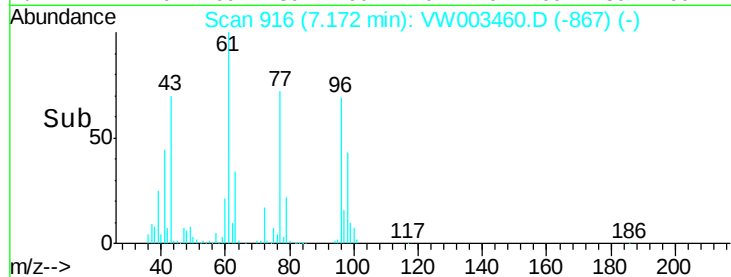
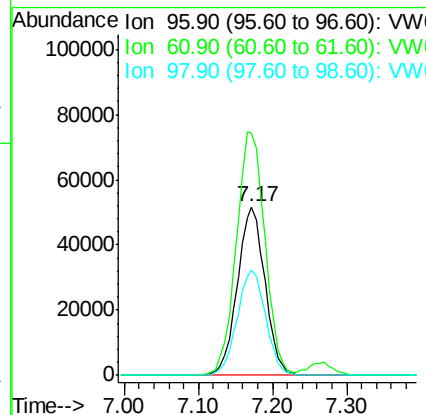
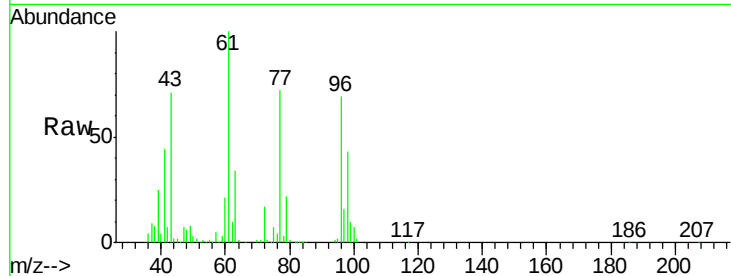
cis-1,2-Dichloroethene
 Concen: 48.87 ug/l
 RT: 7.17 min Scan# 916
 Delta R.T. 0.00 min
 Lab File: VW003460.D
 Acq: 23 Jun 2018 15:11

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

Tot Ion	Ratio	Resp	Lower	Upper
96	100	133770		
61	150.8	0.0	298.8	
98	64.4	0.0	130.4	

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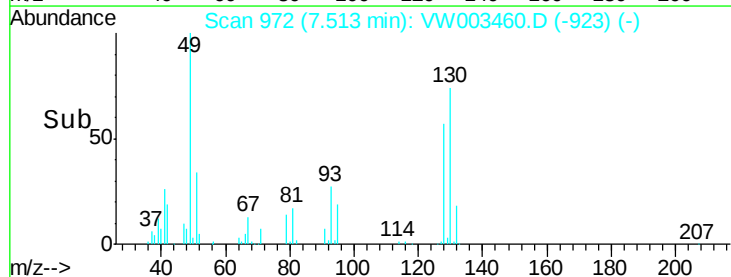
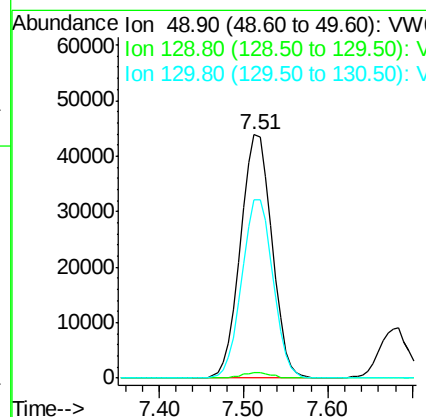
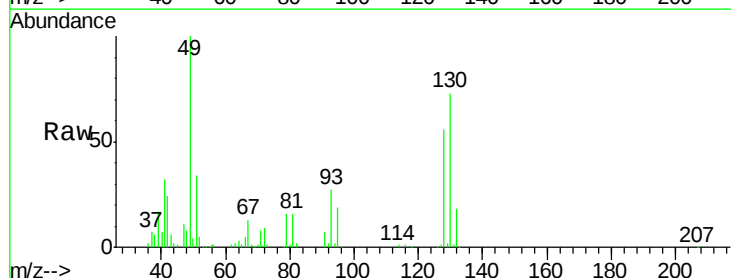
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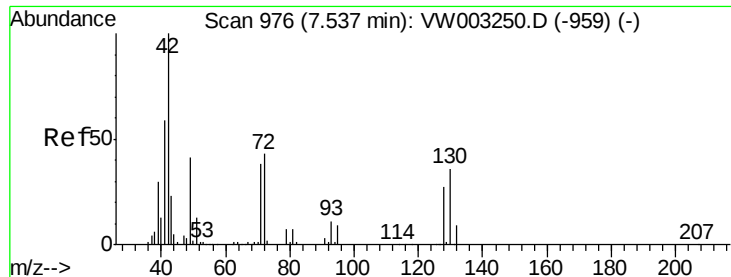


#28

Bromochloromethane
 Concen: 56.10 ug/l
 RT: 7.51 min Scan# 972
 Delta R.T. 0.00 min
 Lab File: VW003460.D
 Acq: 23 Jun 2018 15:11

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	110631		
129	2.1	0.0	4.6	
130	72.6	59.4	89.2	





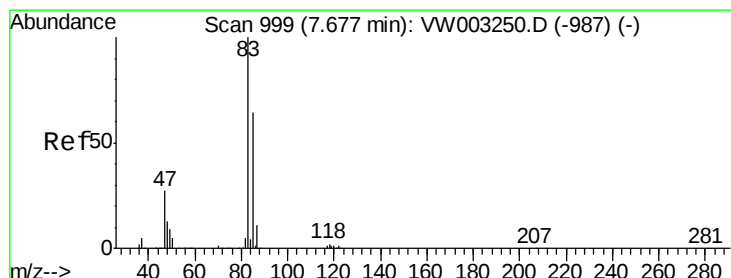
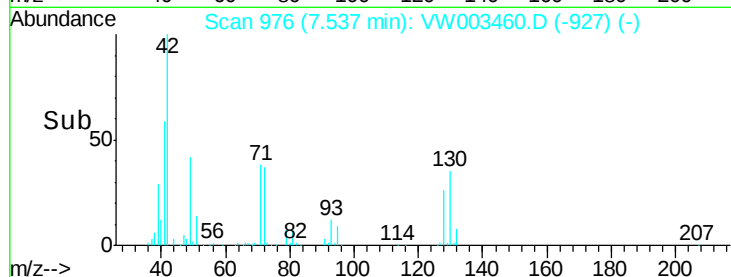
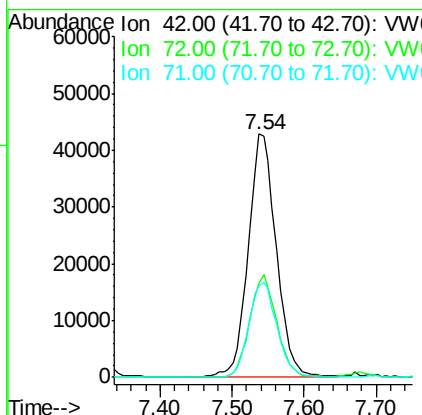
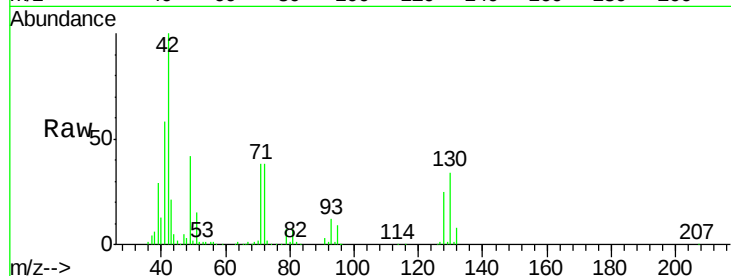
#29
Tetrahydrofuran
Concen: 266.40 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.00 min
Lab File: VW003460.D
Acq: 23 Jun 2018 15:11

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

Tot Ion	Ratio	Resp	Lower	Upper
42	100	116328		
72	40.3		32.4	48.6
71	39.0		31.2	46.8

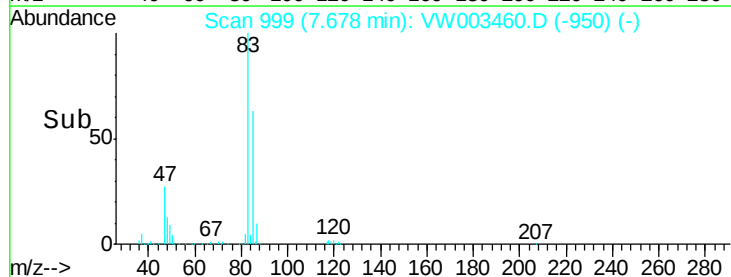
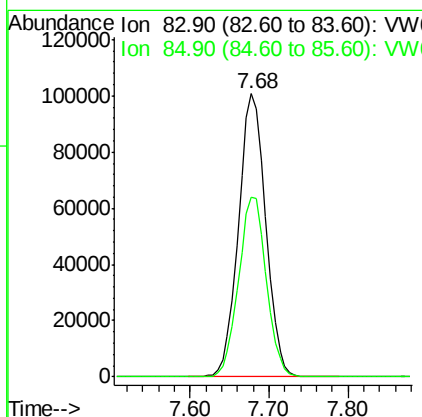
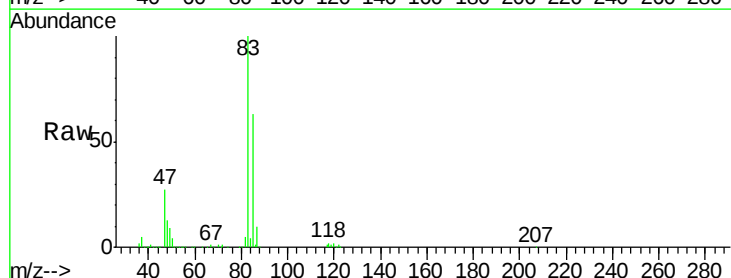
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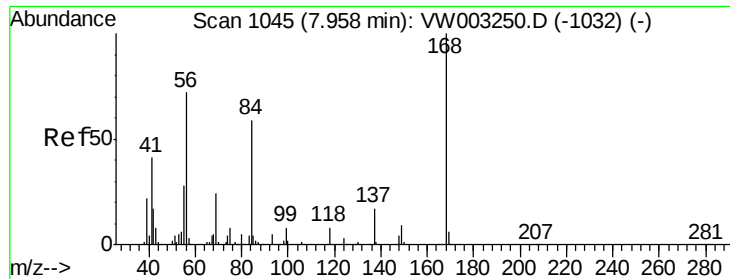
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#30
Chloroform
Concen: 50.25 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW003460.D
Acq: 23 Jun 2018 15:11

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	242593		
85	63.3		51.3	76.9





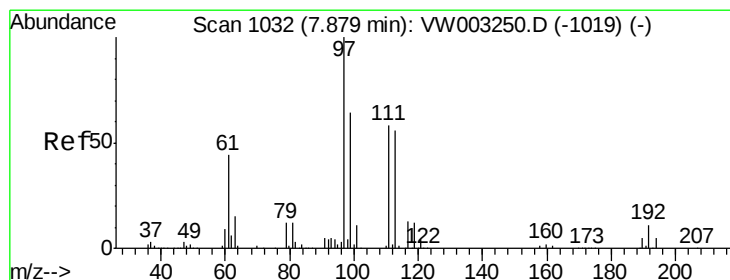
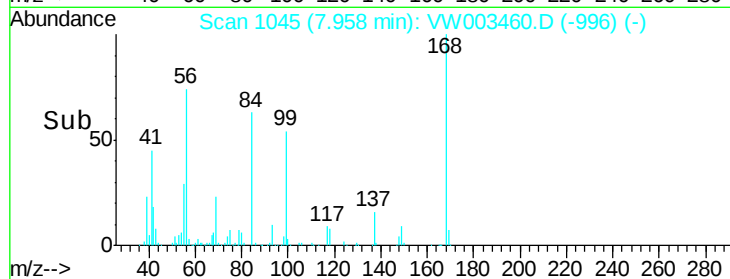
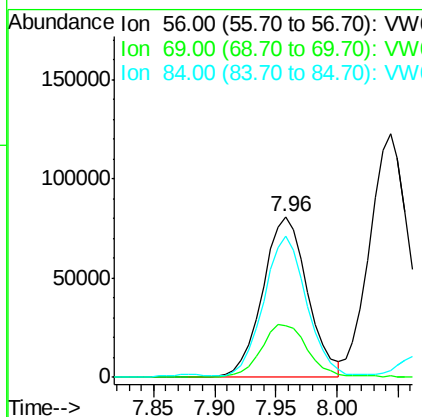
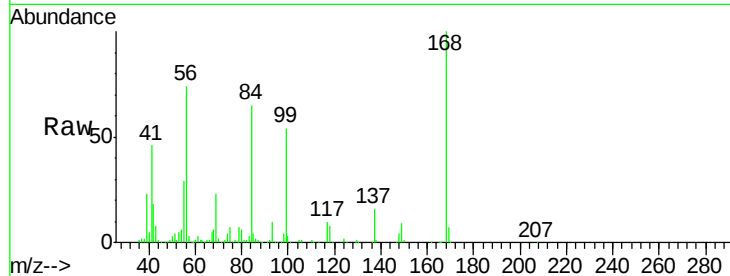
#31
Cyclohexane
Concen: 46.60 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. 0.00 min
Lab File: VW003460.D
Acq: 23 Jun 2018 15:11

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

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.6	26.3	39.5
84	86.2	65.7	98.5

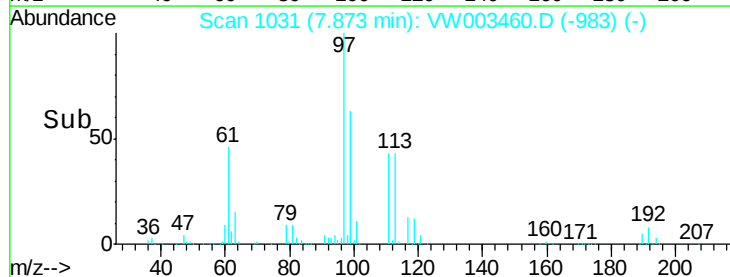
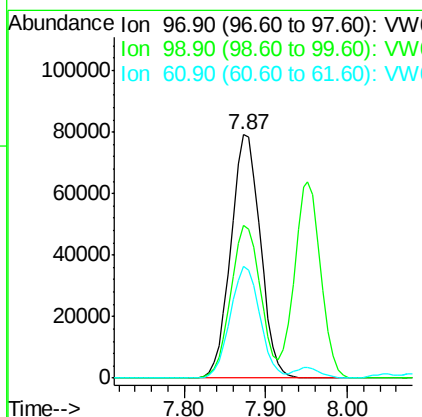
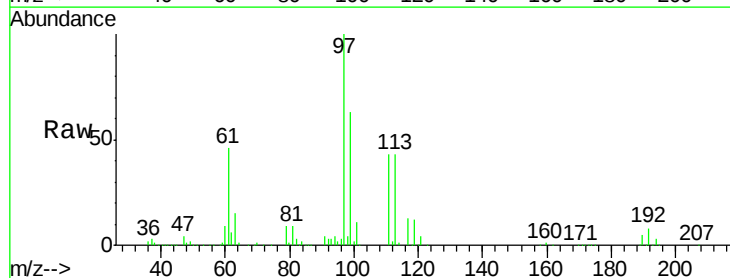
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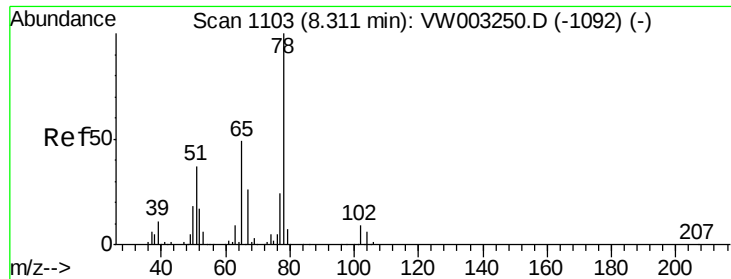
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#32
1,1,1-Trichloroethane
Concen: 49.64 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. -0.01 min
Lab File: VW003460.D
Acq: 23 Jun 2018 15:11

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.5	51.7	77.5
61	46.0	37.6	56.4





#33

1,2-Dichloroethane-d4

Concen: 54.14 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW003460.D

Acq: 23 Jun 2018 15:11

Instrument :

MSVOA_W

ClientSampleId :

WP021SB482-15-17-180619MSD

Tot Ion: 65 Resp: 148334

Ion Ratio Lower Upper

65 100

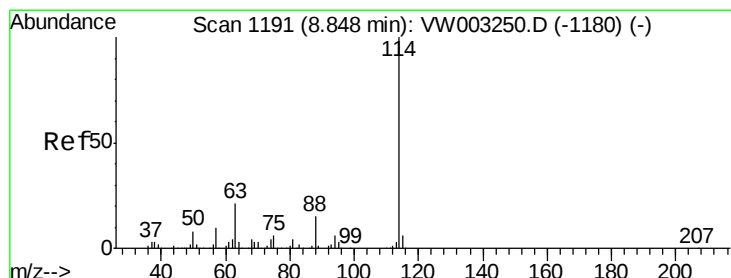
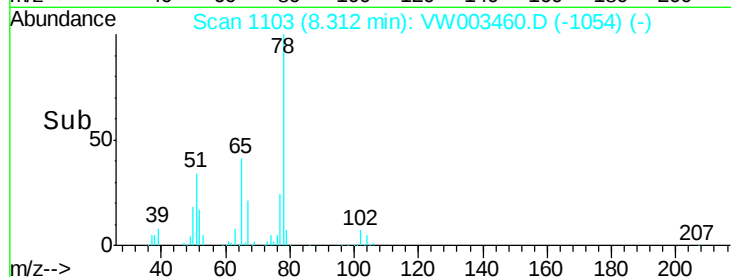
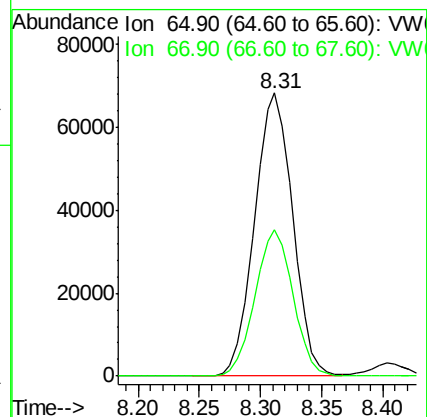
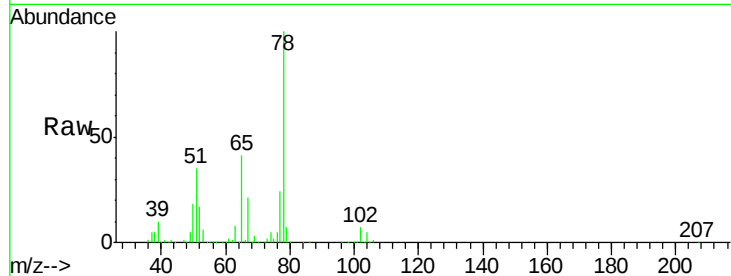
67 51.3 0.0 104.2

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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: VW003460.D

Acq: 23 Jun 2018 15:11

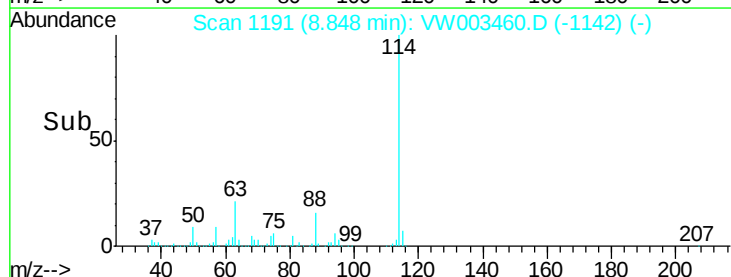
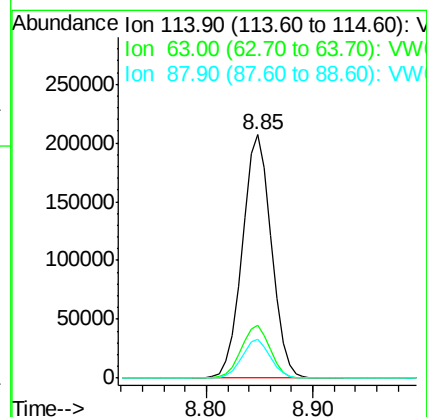
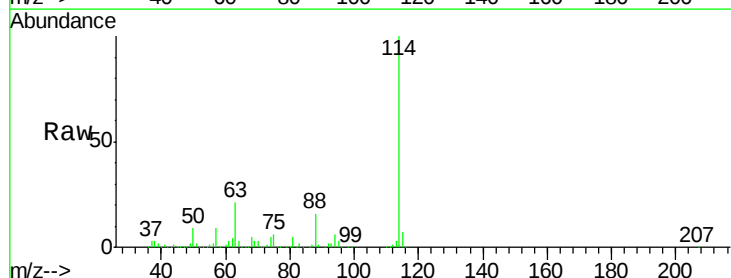
Tgt Ion: 114 Resp: 396323

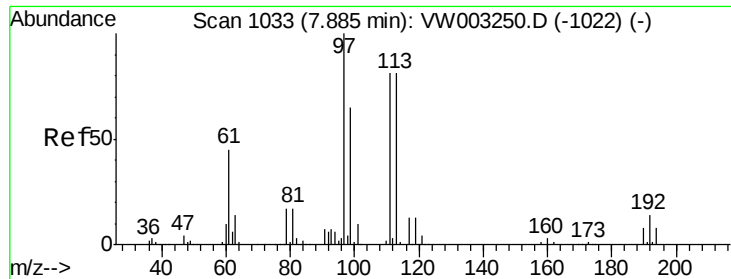
Ion Ratio Lower Upper

114 100

63 21.5 0.0 43.0

88 15.8 0.0 29.6





#35

Dibromofluoromethane

Concen: 51.91 ug/l

RT: 7.89 min Scan# 1034

Delta R.T. 0.01 min

Lab File: VW003460.D

Acq: 23 Jun 2018 15:11

Instrument :

MSVOA_W

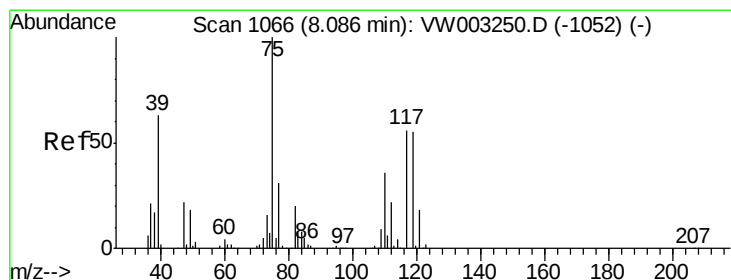
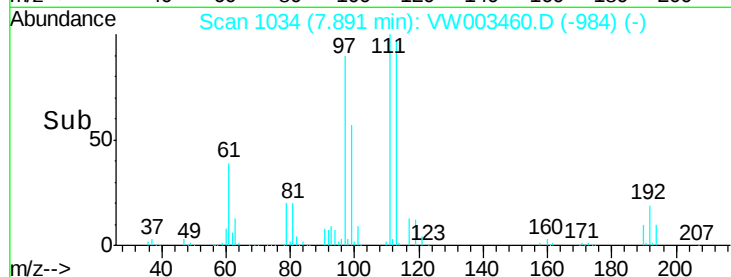
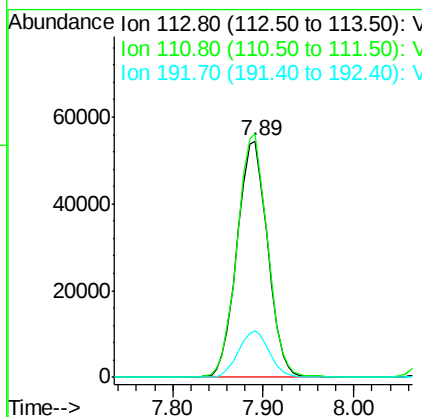
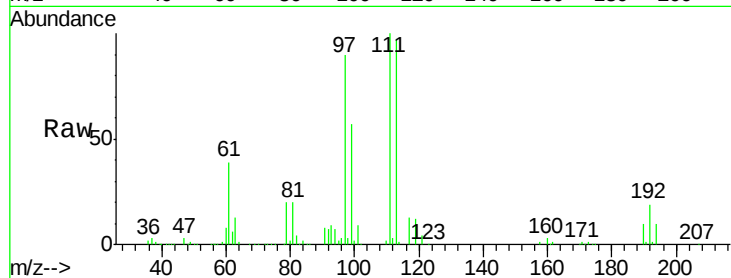
ClientSampleId :

WP021SB482-15-17-180619MSD

Tot Ion:	113	Resp:	127847
Ion Ratio	Lower	Upper	
113	100		
111	102.4	82.2	123.2
192	19.9	16.2	24.2

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 48.85 ug/l

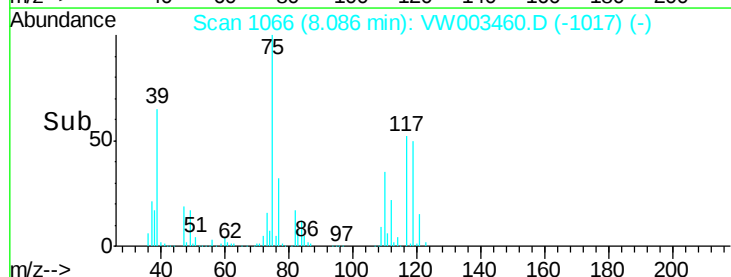
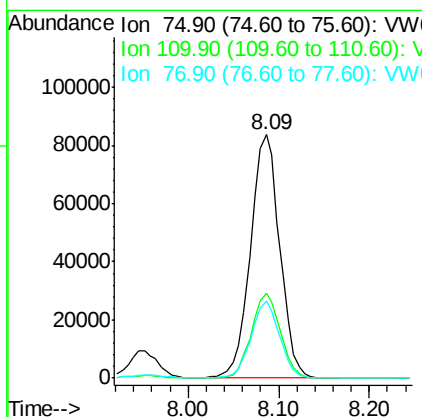
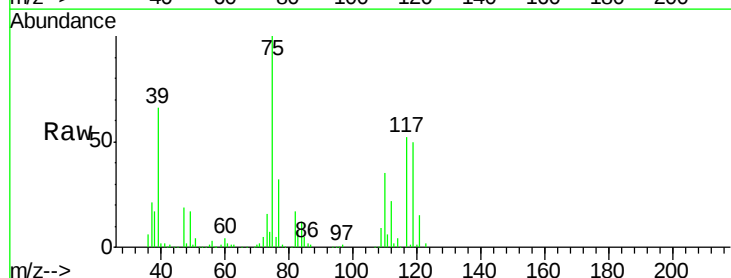
RT: 8.09 min Scan# 1066

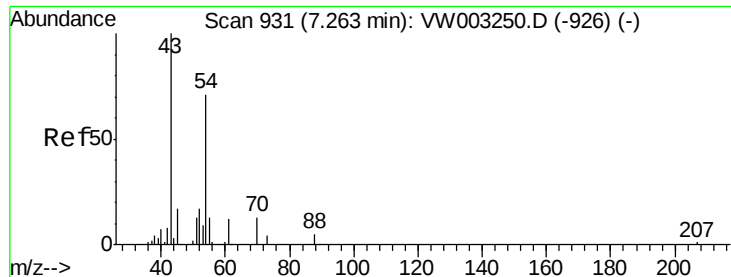
Delta R.T. 0.00 min

Lab File: VW003460.D

Acq: 23 Jun 2018 15:11

Tgt Ion:	75	Resp:	186967
Ion Ratio	Lower	Upper	
75	100		
110	34.4	17.1	51.3
77	31.1	24.9	37.3





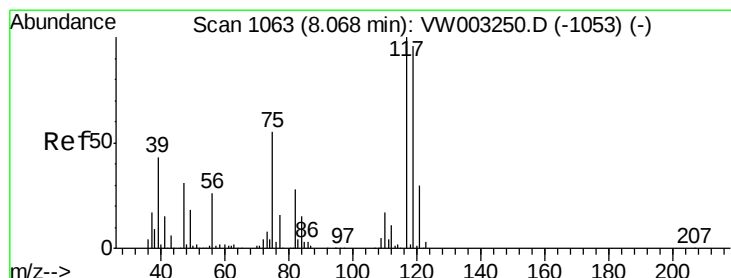
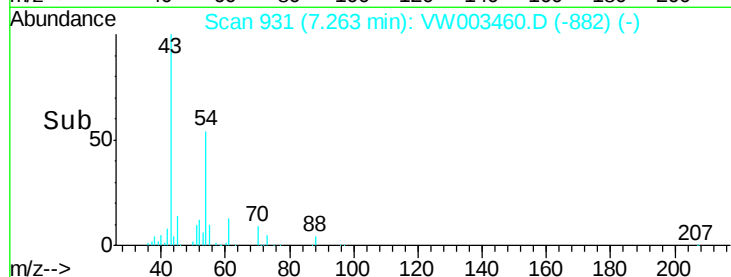
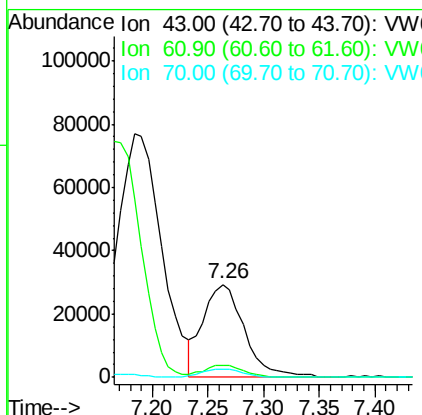
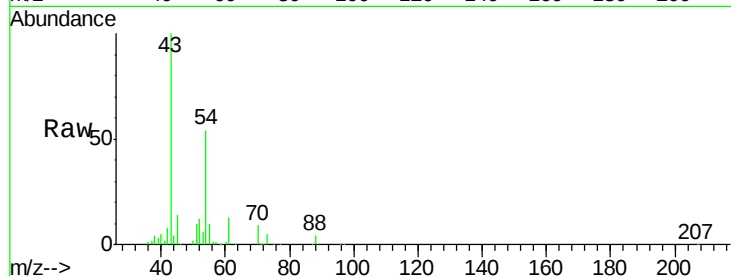
#37
Ethyl Acetate
Concen: 46.94 ug/l
RT: 7.26 min Scan# 931
Delta R.T. 0.00 min
Lab File: VW003460.D
Acq: 23 Jun 2018 15:11

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

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.7	10.8	16.2
70	9.3	7.8	11.6

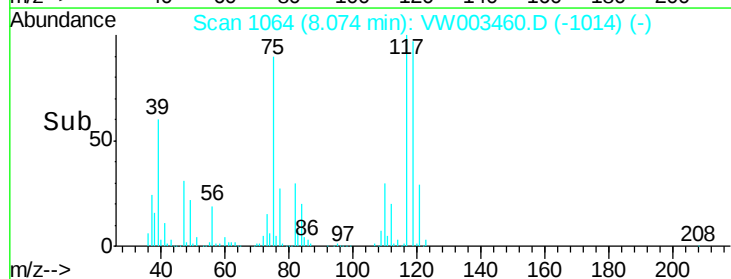
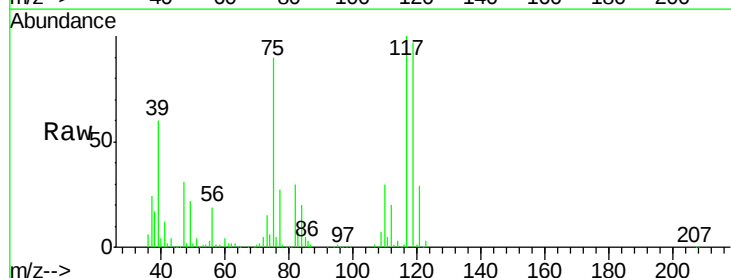
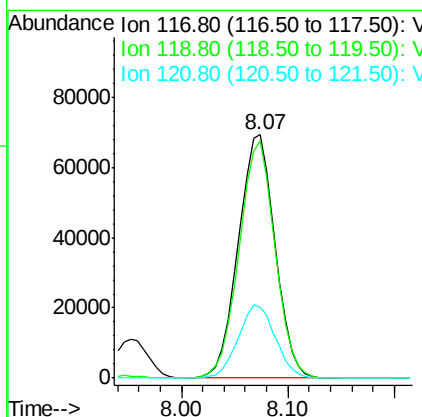
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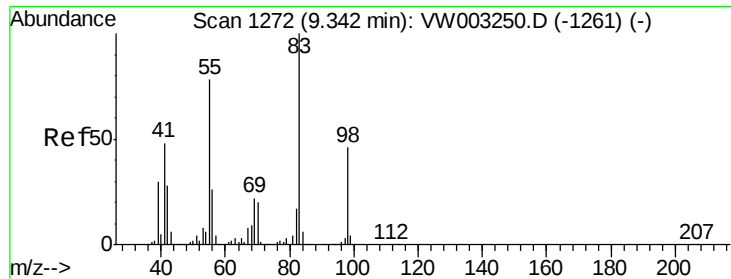
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#38
Carbon Tetrachloride
Concen: 44.78 ug/l
RT: 8.07 min Scan# 1064
Delta R.T. 0.01 min
Lab File: VW003460.D
Acq: 23 Jun 2018 15:11

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.2	76.6	115.0
121	29.2	23.9	35.9





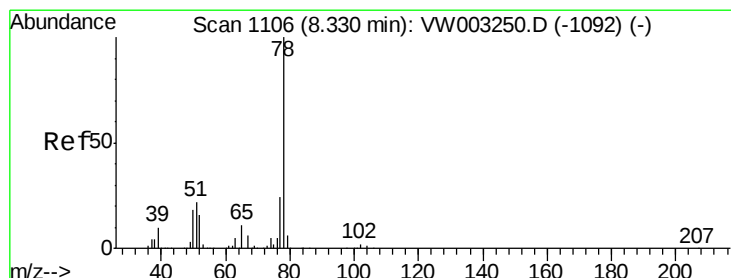
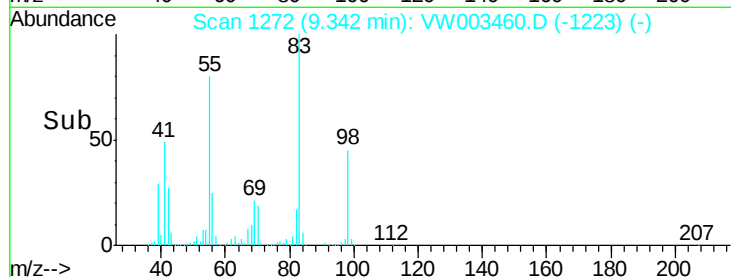
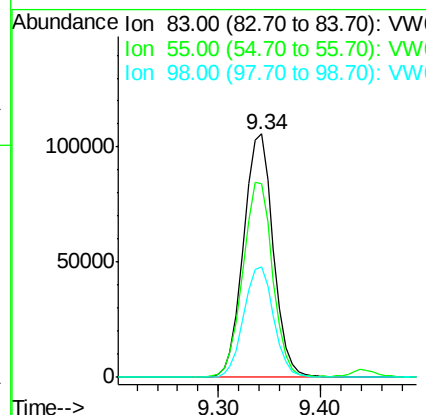
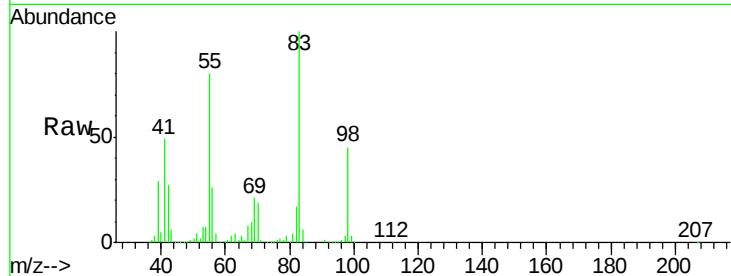
#39
Methvlcvclohexane
Concen: 48.49 ug/l
RT: 9.34 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VW003460.D
Acq: 23 Jun 2018 15:11

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

Tot Ion	Ratio	Resp	Lower	Upper
83	100	214744		
55	79.4	62.6	93.8	
98	45.5	37.0	55.4	

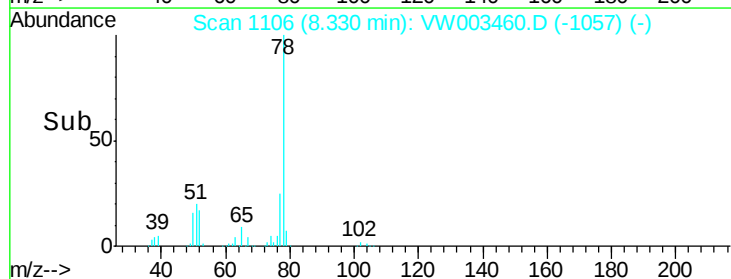
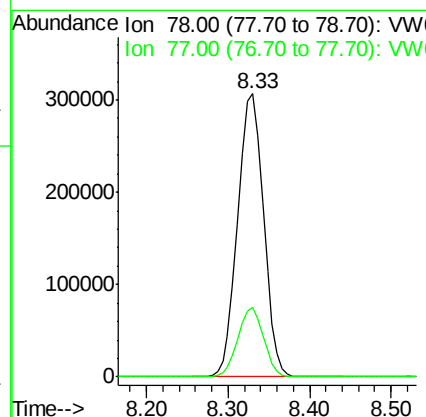
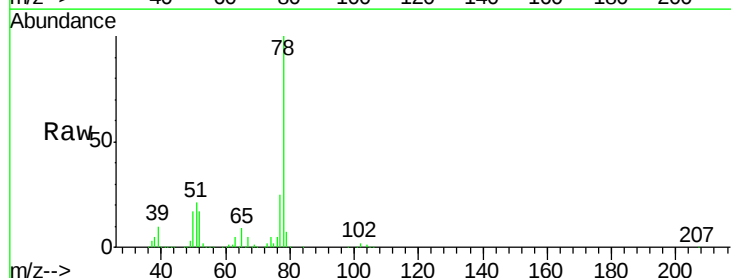
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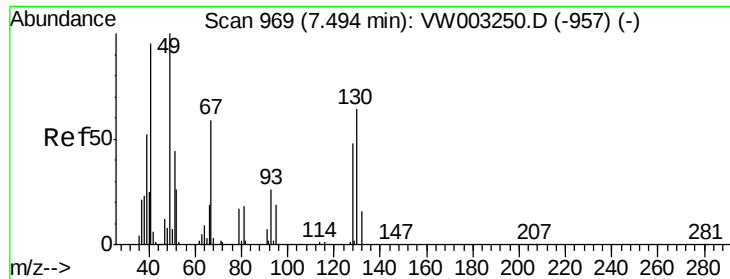
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#40
Benzene
Concen: 63.85 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VW003460.D
Acq: 23 Jun 2018 15:11

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	673634		
77	24.6	19.0	28.6	





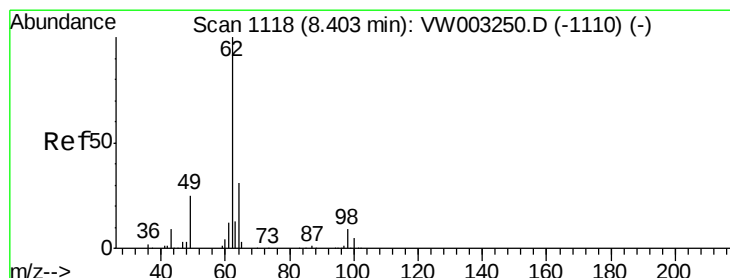
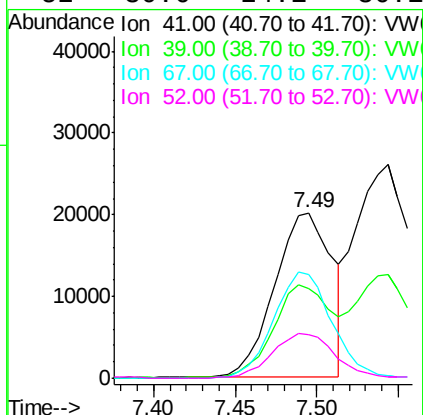
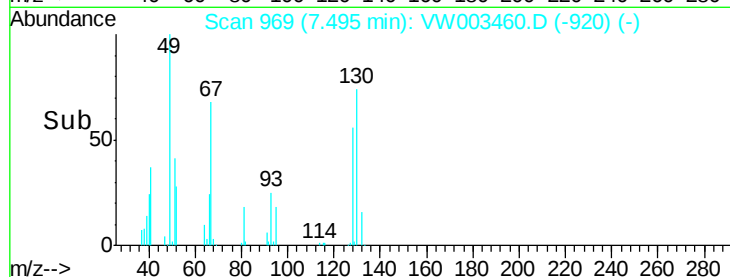
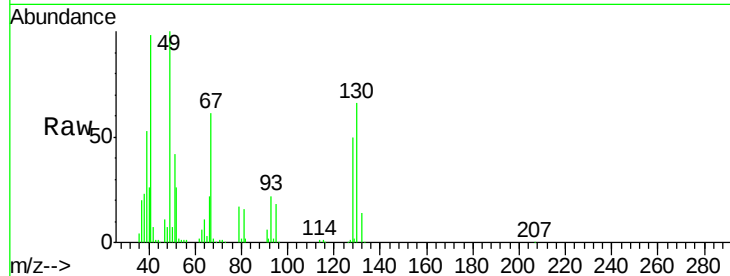
#41
Methacrylonitrile
Concen: 50.41 ug/l
RT: 7.49 min Scan# 969
Delta R.T. 0.00 min
Lab File: VW003460.D
Acq: 23 Jun 2018 15:11

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

Tot Ion:	41	Resp:	49049
Ion	Ratio	Lower	Upper
41	100		
39	56.4	45.8	68.8
67	66.2	52.3	78.5
52	30.6	24.1	36.1

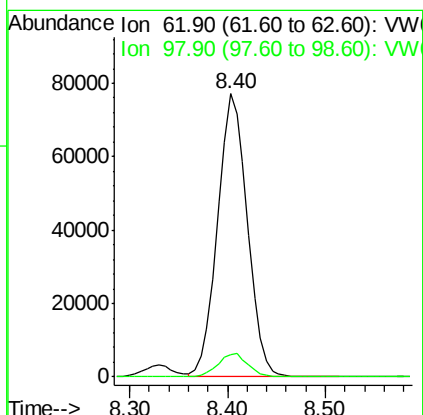
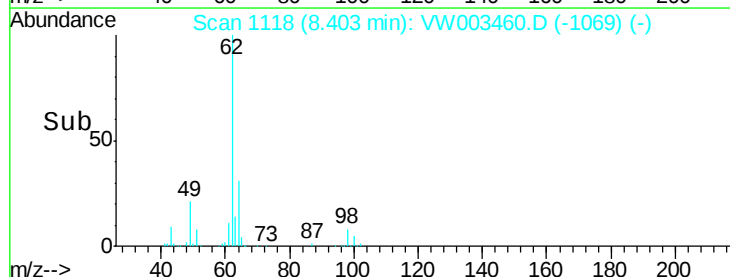
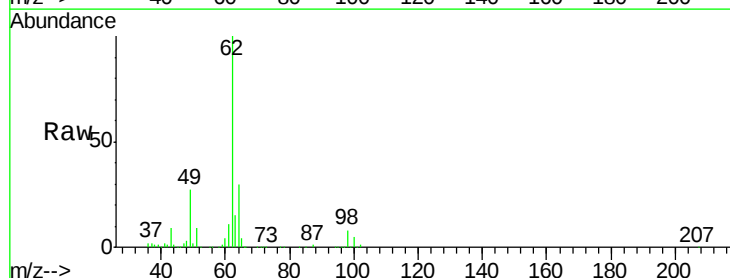
Manual Integrations
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#42
1,2-Dichloroethane
Concen: 49.24 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW003460.D
Acq: 23 Jun 2018 15:11

Tgt Ion:	62	Resp:	162769
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	17.2





#43

Isopropyl Acetate

Concen: 49.26 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VW003460.D

Acq: 23 Jun 2018 15:11

Instrument :

MSVOA_W

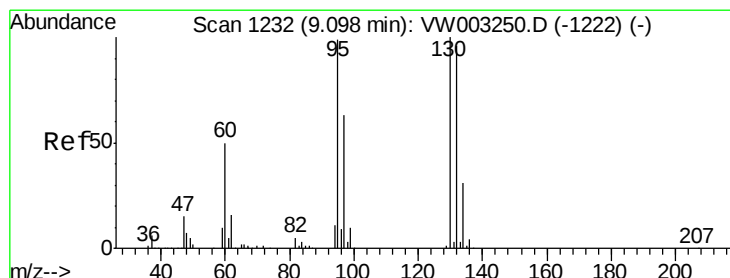
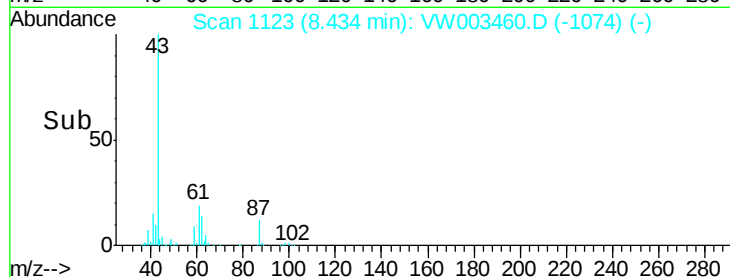
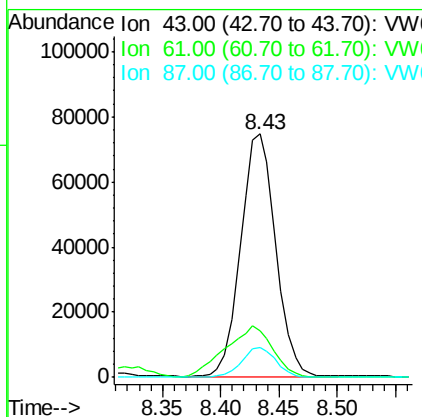
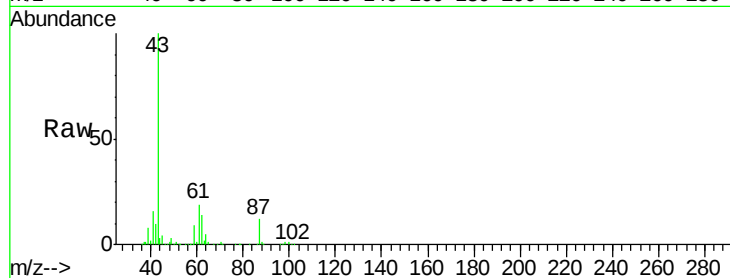
ClientSampleId :

WP021SB482-15-17-180619MSD

Tot Ion:	43	Resp:	155082
Ion	Ratio	Lower	Upper
43	100		
61	28.5	23.1	34.7
87	12.1	9.8	14.6

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#44

Trichloroethene

Concen: 49.09 ug/l

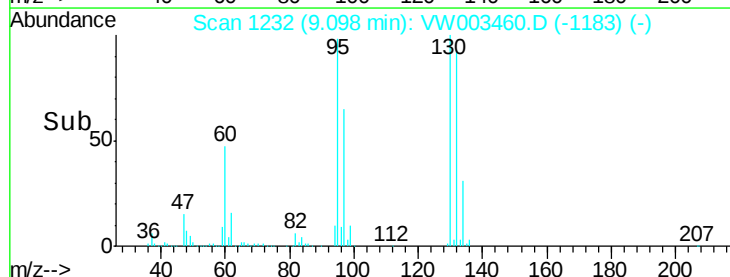
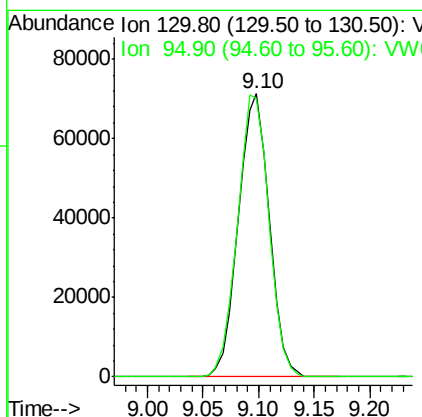
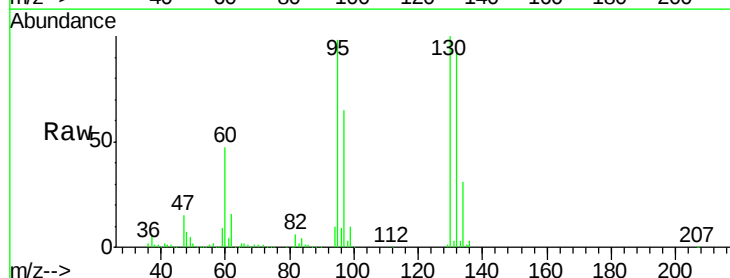
RT: 9.10 min Scan# 1232

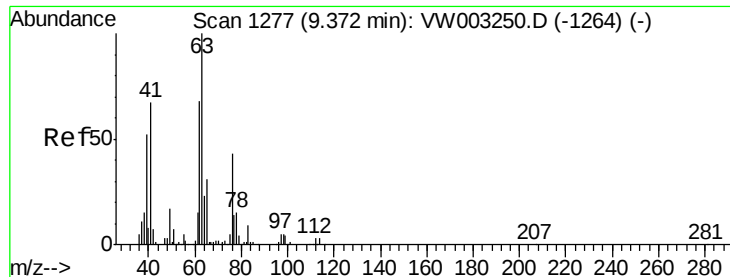
Delta R.T. 0.00 min

Lab File: VW003460.D

Acq: 23 Jun 2018 15:11

Tgt Ion:	130	Resp:	137227
Ion	Ratio	Lower	Upper
130	100		
95	98.5	0.0	198.0





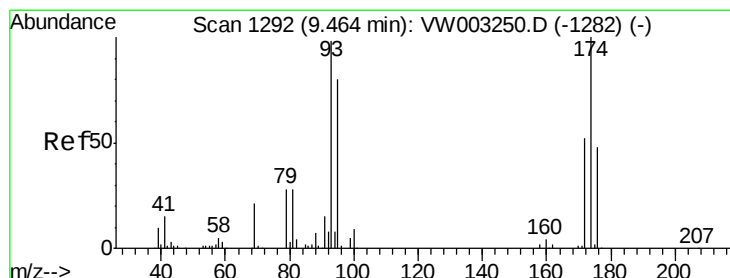
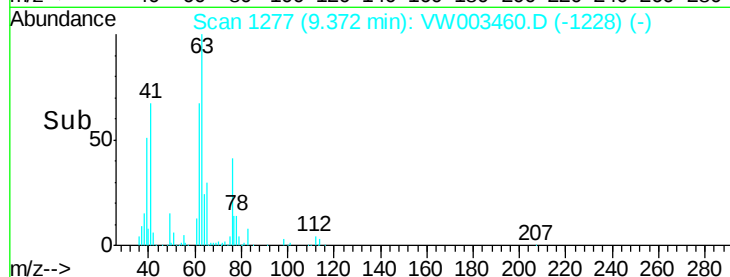
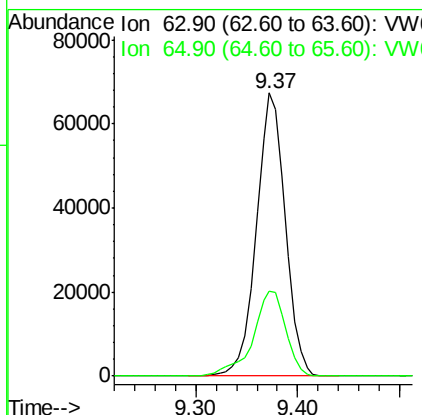
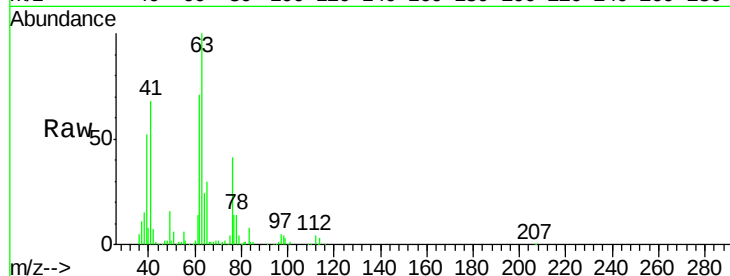
#45
 1,2-Dichloropropane
 Concen: 49.47 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW003460.D
 Acq: 23 Jun 2018 15:11

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

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.1	25.1	37.7

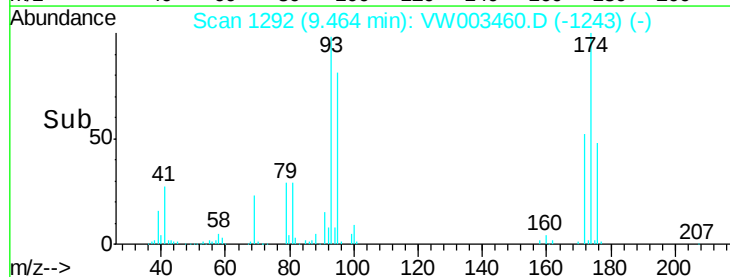
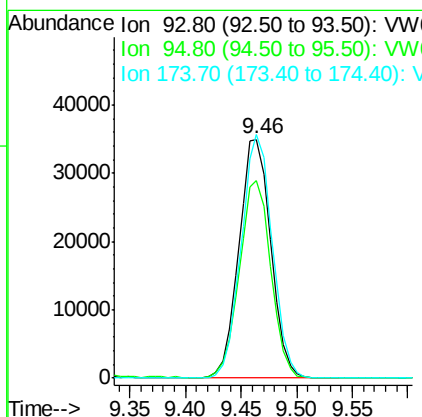
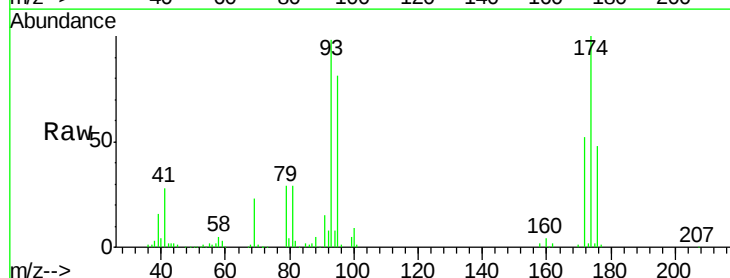
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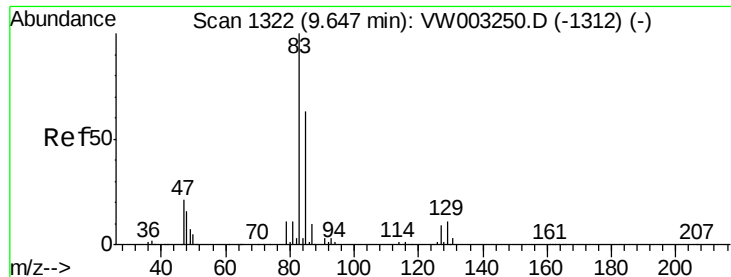
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#46
 Dibromomethane
 Concen: 50.69 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. 0.00 min
 Lab File: VW003460.D
 Acq: 23 Jun 2018 15:11

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.8	65.8	98.8
174	99.2	81.4	122.0





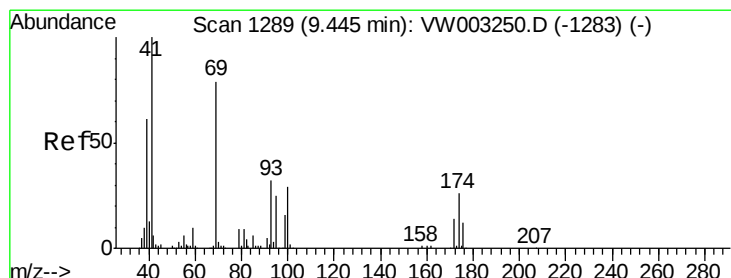
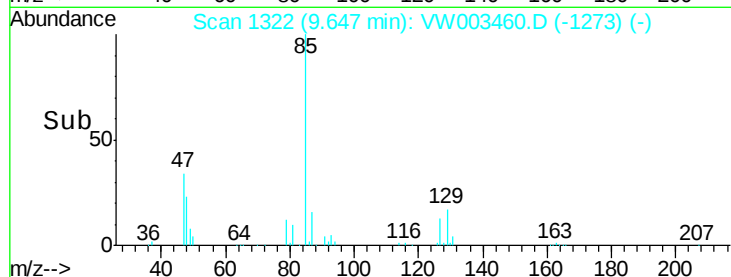
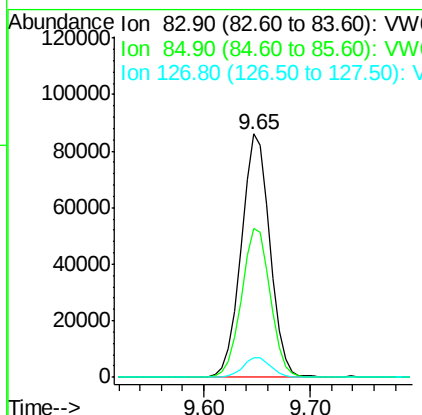
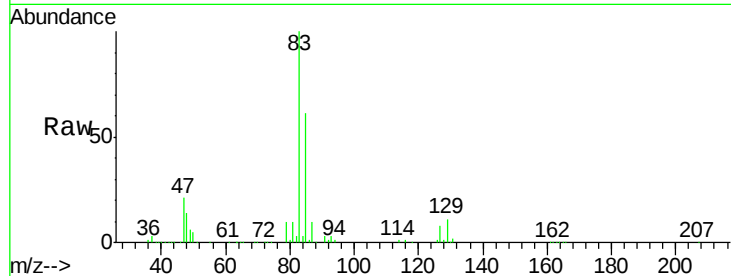
#47
Bromodichloromethane
Concen: 46.12 ug/l
RT: 9.65 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VW003460.D
Acq: 23 Jun 2018 15:11

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

Tot Ion	Ratio	Resp	Lower	Upper
83	100	162590		
85	61.2		50.6	75.8
127	8.2		6.8	10.2

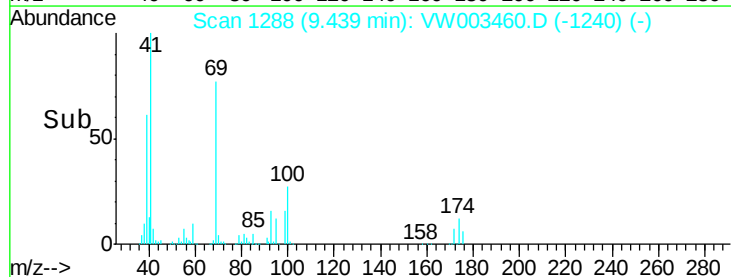
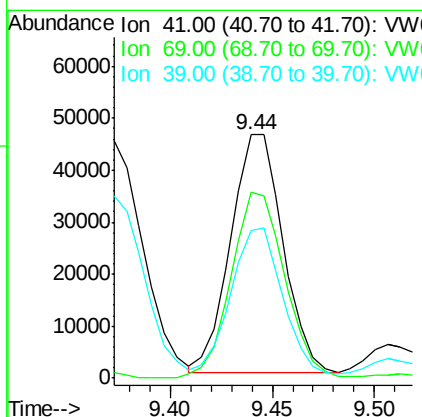
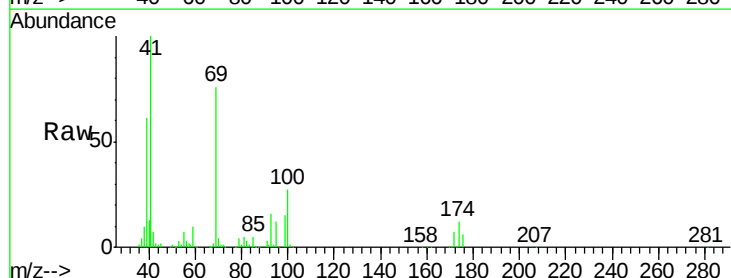
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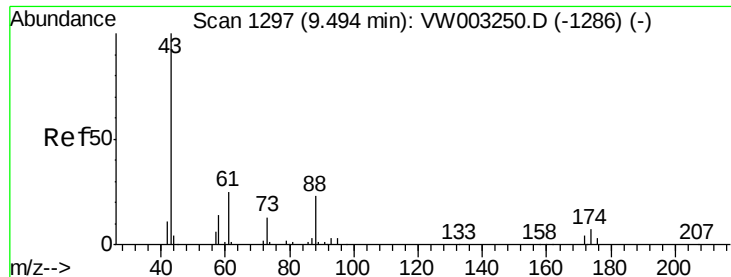
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#48
Methyl methacrylate
Concen: 54.87 ug/l
RT: 9.44 min Scan# 1288
Delta R.T. -0.01 min
Lab File: VW003460.D
Acq: 23 Jun 2018 15:11

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	81189		
69	80.5		65.4	98.2
39	64.2		54.2	81.2





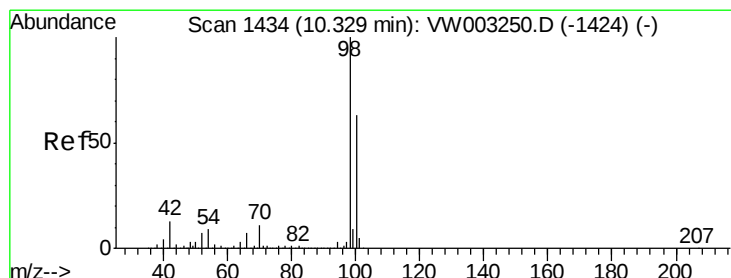
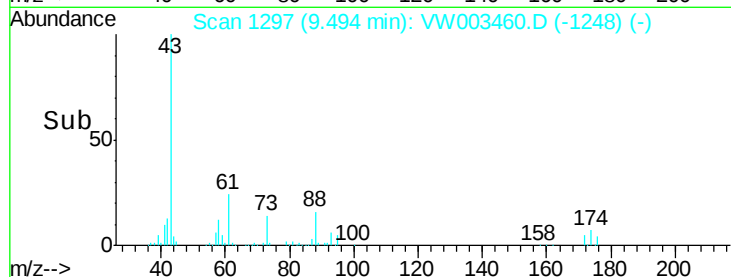
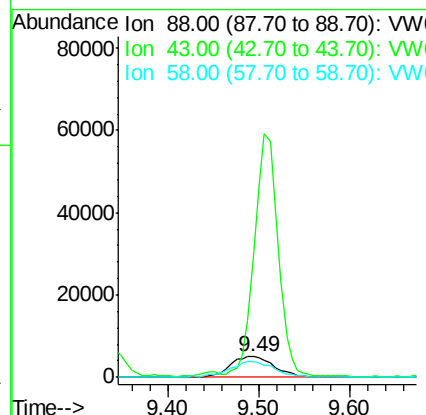
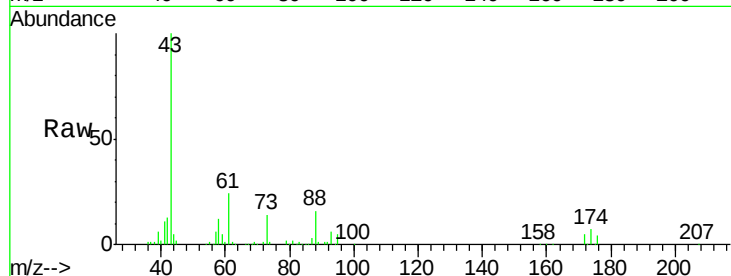
#49
1,4-Dioxane
Concen: 830.14 ug/l
RT: 9.49 min Scan# 1297
Delta R.T. 0.00 min
Lab File: VW003460.D
Acq: 23 Jun 2018 15:11

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

Tot Ion	Ratio	Lower	Upper
88	100		
43	631.9	454.7	682.1
58	77.5	58.6	88.0

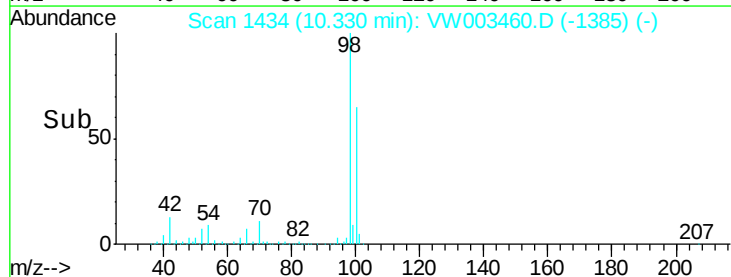
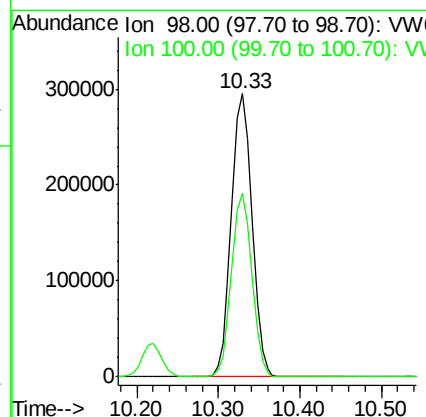
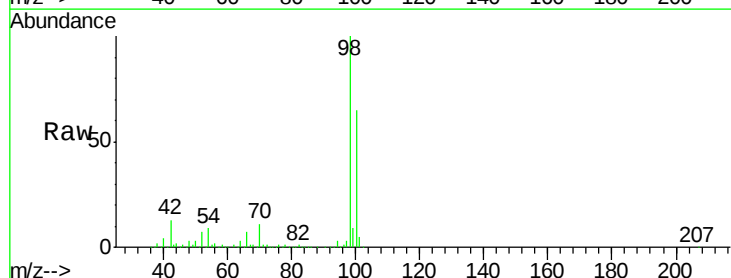
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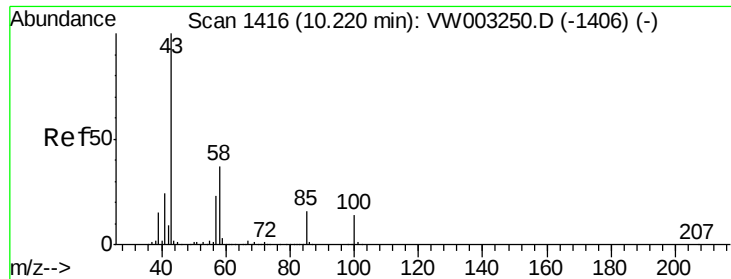
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#50
Toluene-d8
Concen: 52.94 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW003460.D
Acq: 23 Jun 2018 15:11

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.7	50.8	76.2





#51

4-Methyl-2-Pentanone

Concen: 271.71 ug/l

RT: 10.22 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VW003460.D

Acq: 23 Jun 2018 15:11

Instrument :

MSVOA_W

ClientSampleId :

WP021SB482-15-17-180619MSD

Tot Ion: 43 Resp: 435900

Ion Ratio Lower Upper

43 100

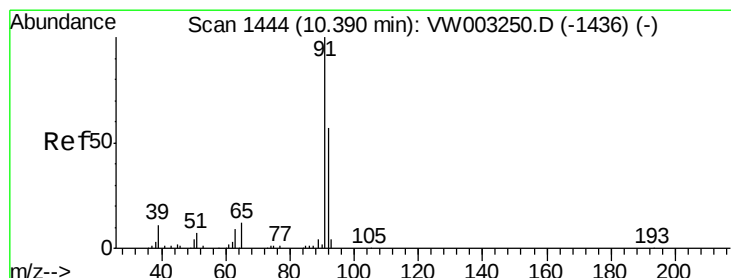
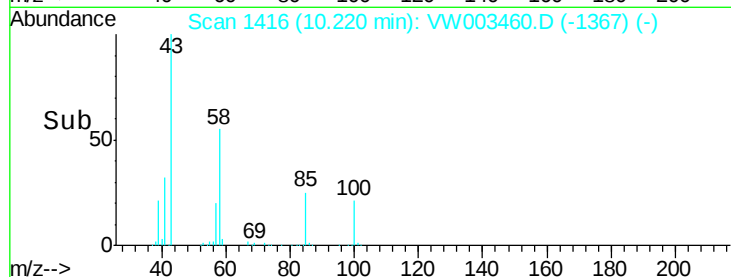
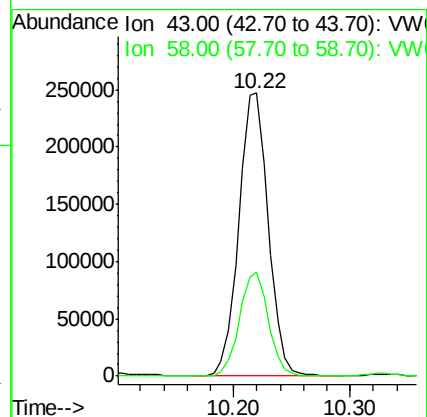
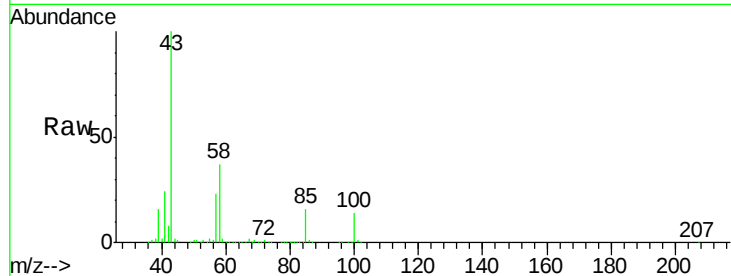
58 36.1 29.0 43.4

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#52

Toluene

Concen: 52.76 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW003460.D

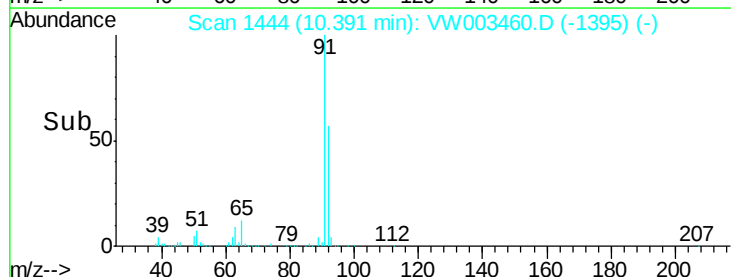
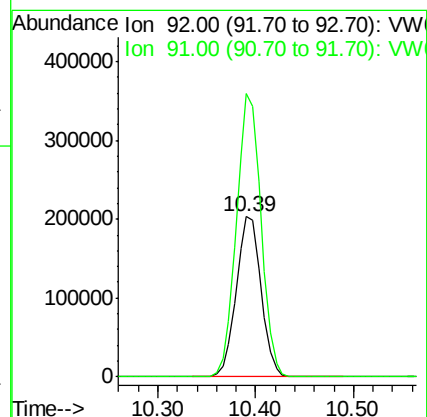
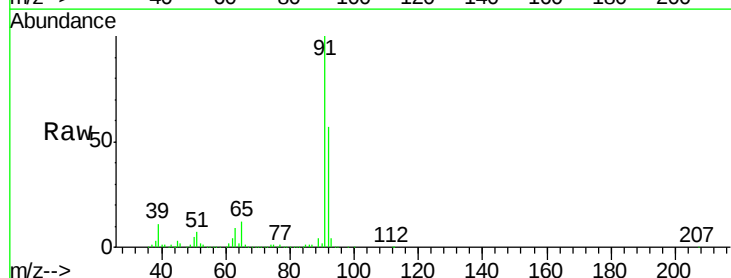
Acq: 23 Jun 2018 15:11

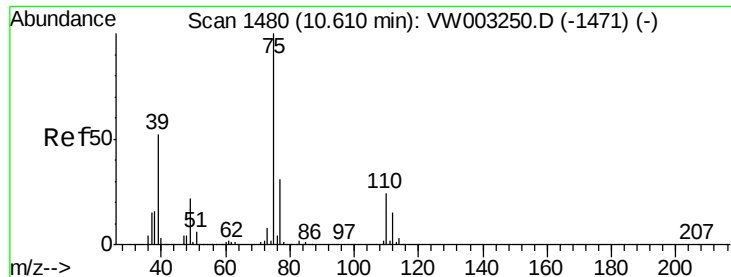
Tgt Ion: 92 Resp: 356945

Ion Ratio Lower Upper

92 100

91 175.2 141.1 211.7





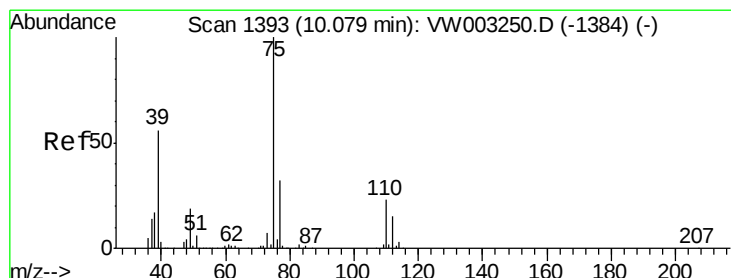
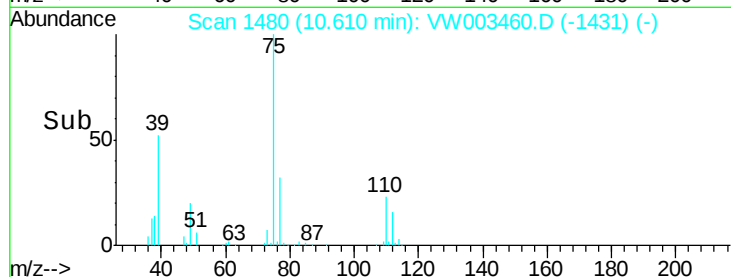
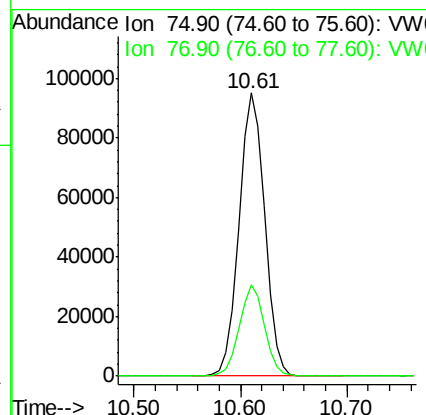
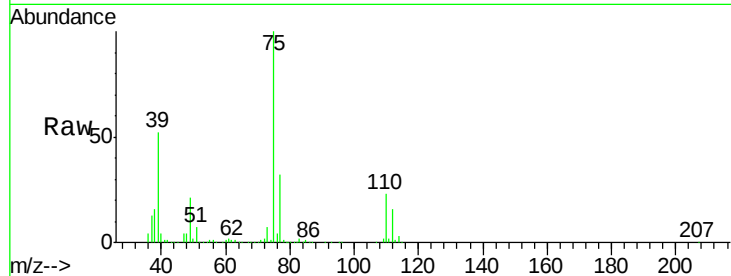
#53
t-1,3-Dichloropropene
Concen: 44.62 ug/l
RT: 10.61 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VW003460.D
Acq: 23 Jun 2018 15:11

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

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.9	24.9	37.3

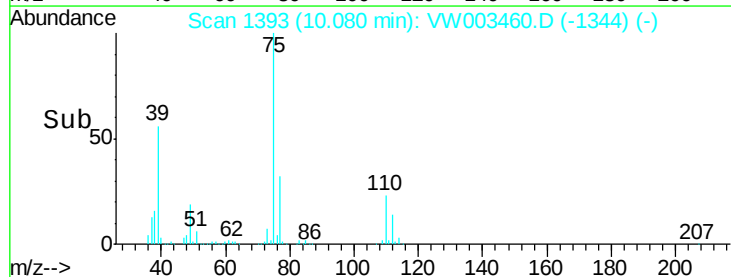
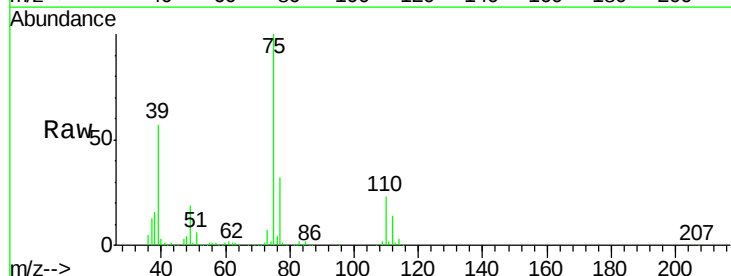
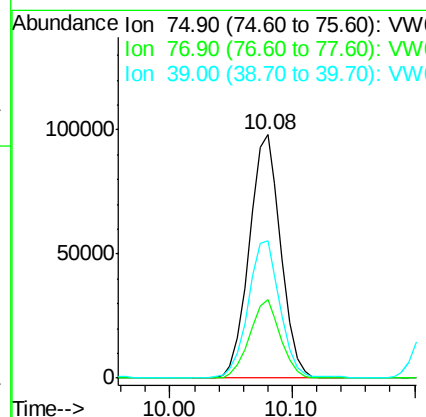
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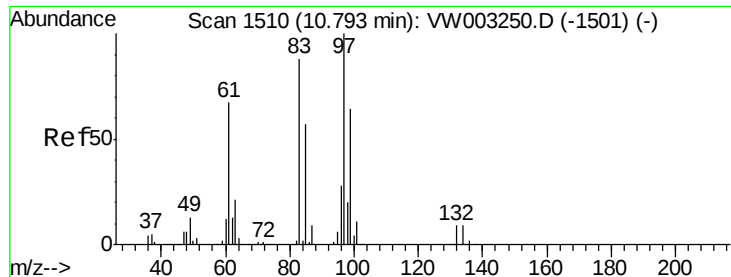
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#54
cis-1,3-Dichloropropene
Concen: 42.66 ug/l
RT: 10.08 min Scan# 1393
Delta R.T. 0.00 min
Lab File: VW003460.D
Acq: 23 Jun 2018 15:11

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.4	25.8	38.6
39	56.4	45.2	67.8





#55

1,1,2-Trichloroethane

Concen: 50.26 ug/l

RT: 10.79 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VW003460.D

Acq: 23 Jun 2018 15:11

Instrument :

MSVOA_W

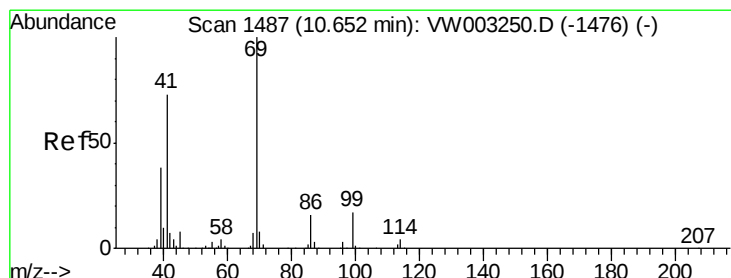
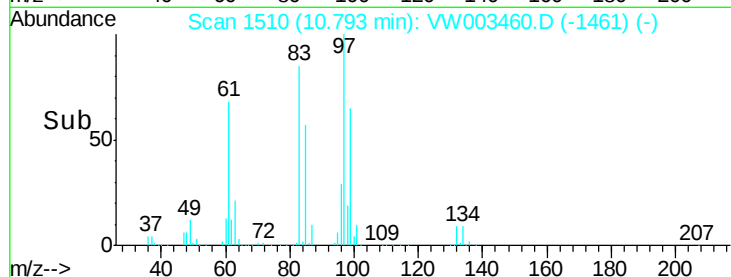
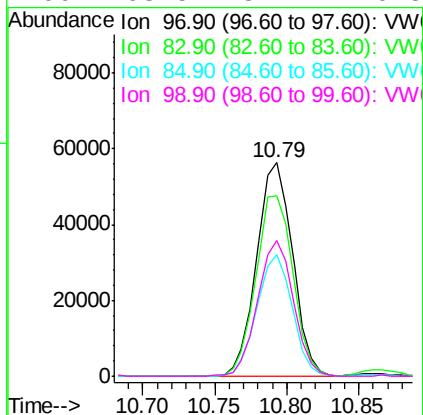
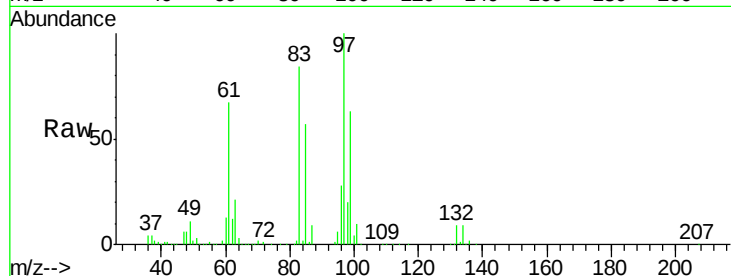
ClientSampleId :

WP021SB482-15-17-180619MSD

Tot Ion:	97	Resp:	97399
Ion	Ratio	Lower	Upper
97	100		
83	84.4	70.2	105.2
85	56.9	45.6	68.4
99	63.5	51.2	76.8

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#56

Ethyl methacrylate

Concen: 51.33 ug/l

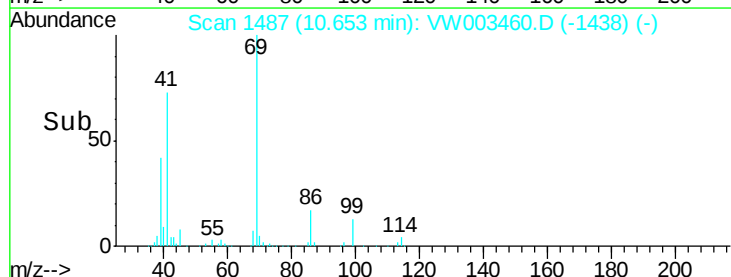
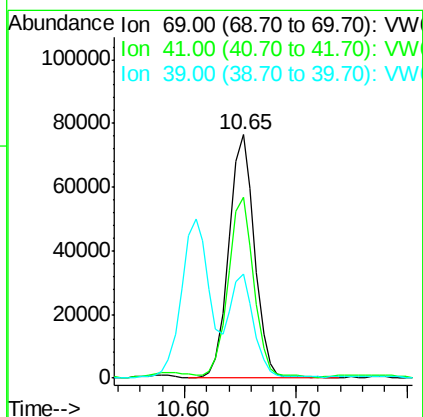
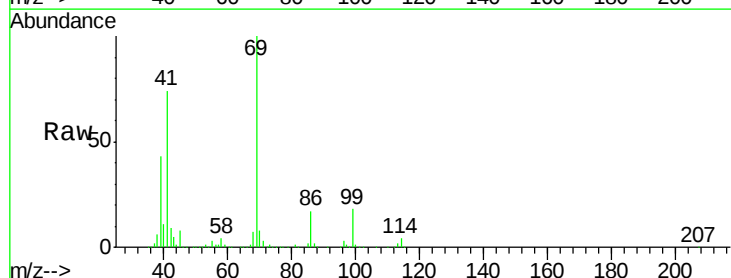
RT: 10.65 min Scan# 1487

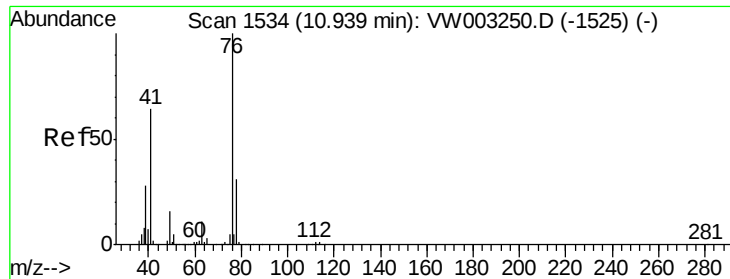
Delta R.T. 0.00 min

Lab File: VW003460.D

Acq: 23 Jun 2018 15:11

Tgt Ion:	69	Resp:	120787
Ion	Ratio	Lower	Upper
69	100		
41	74.9	57.8	86.6
39	38.6	32.7	49.1





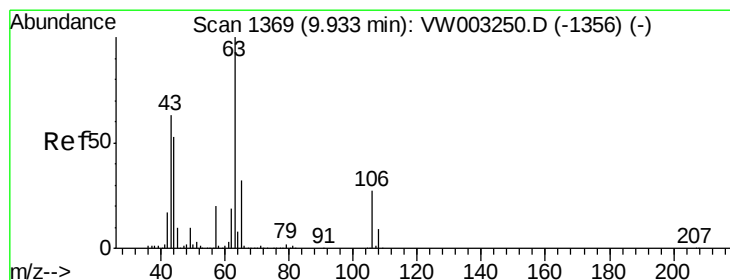
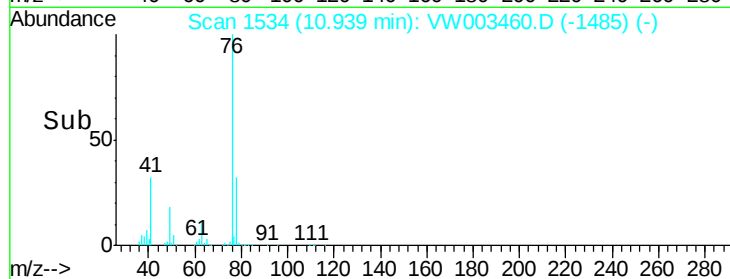
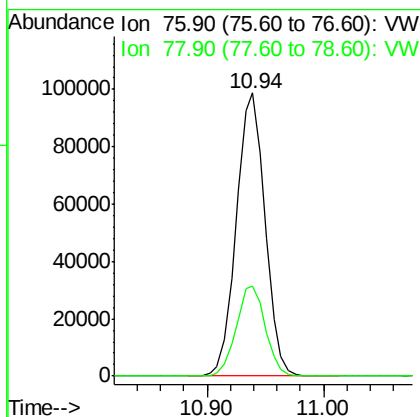
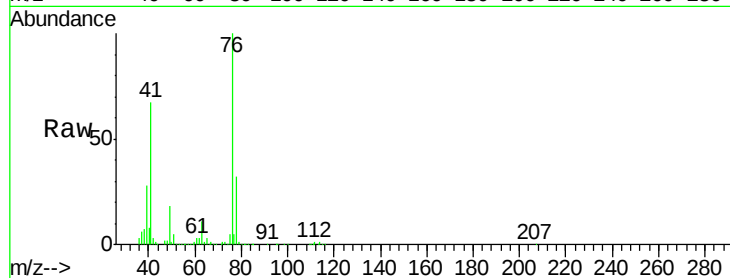
#57
 1,3-Dichloropropane
 Concen: 50.65 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VW003460.D
 Acq: 23 Jun 2018 15:11

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

Tot Ion: 76 Resp: 169308
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.7 38.5

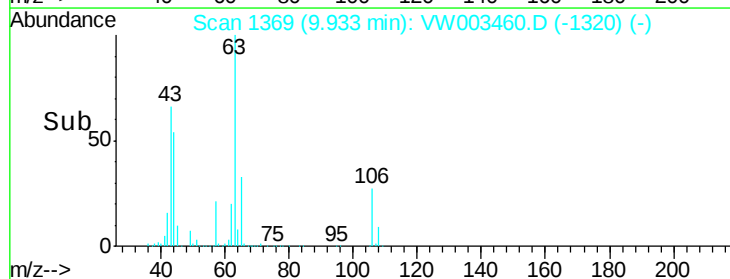
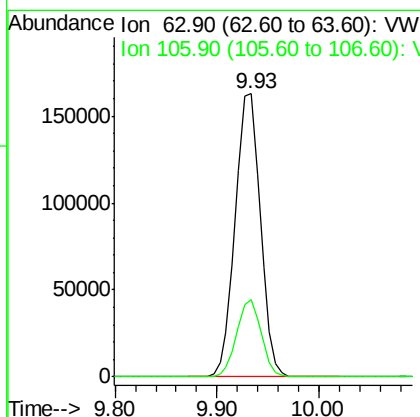
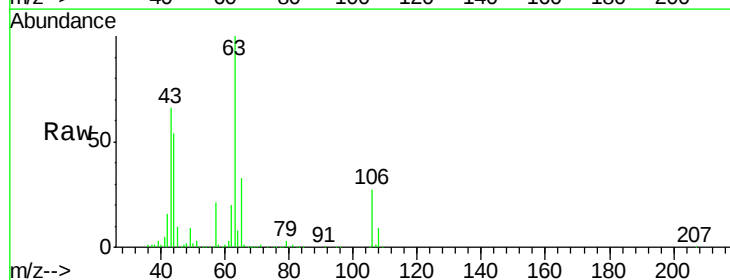
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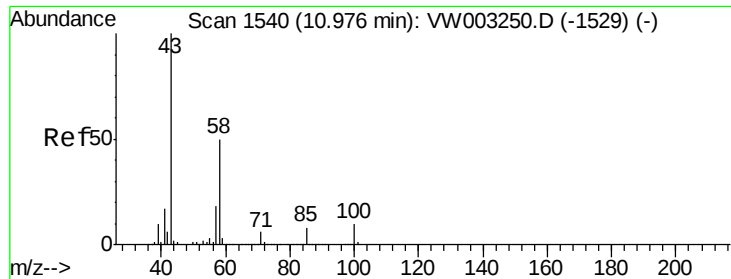
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#58
 2-Chloroethyl Vinyl ether
 Concen: 263.94 ug/l
 RT: 9.93 min Scan# 1369
 Delta R.T. 0.00 min
 Lab File: VW003460.D
 Acq: 23 Jun 2018 15:11

Tgt Ion: 63 Resp: 278448
 Ion Ratio Lower Upper
 63 100
 106 26.6 21.8 32.8





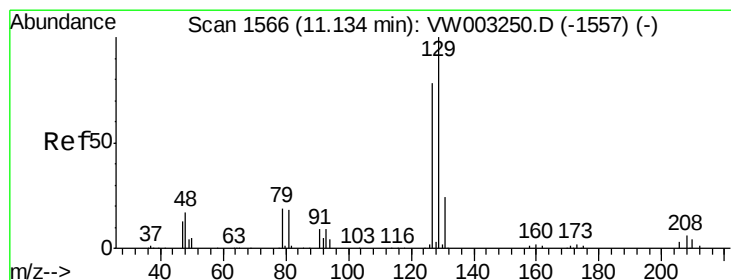
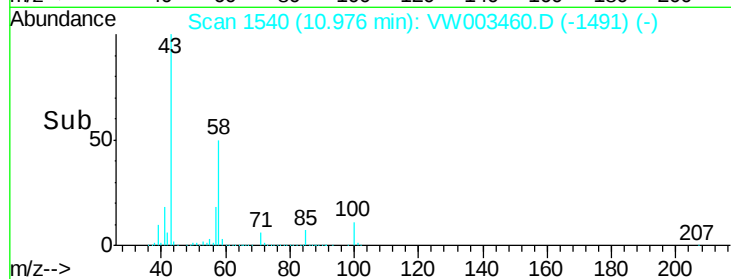
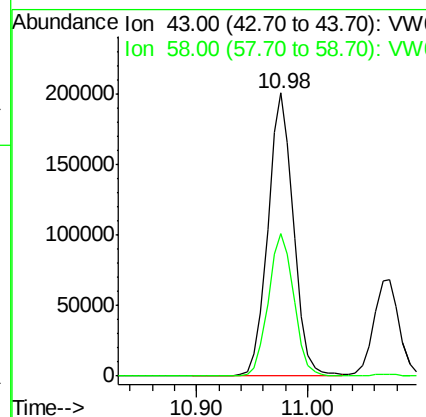
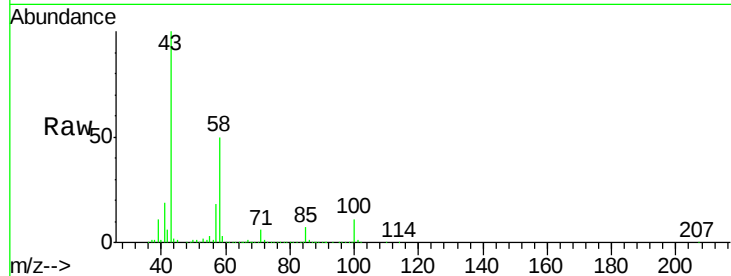
#59
2-Hexanone
Concen: 285.78 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW003460.D
Acq: 23 Jun 2018 15:11

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

Tot Ion: 43 Resp: 320288
Ion Ratio Lower Upper
43 100
58 50.4 25.0 75.0

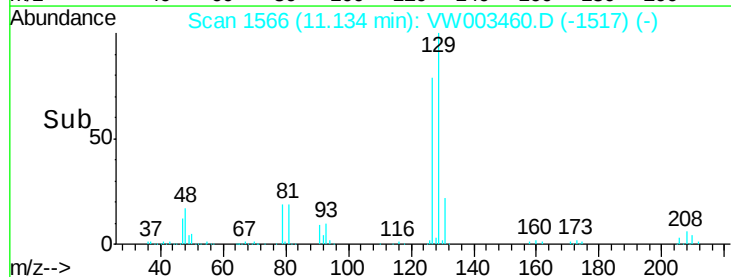
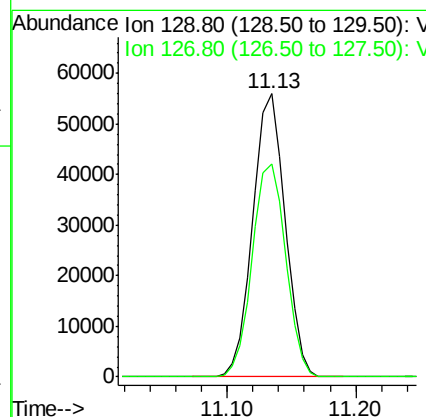
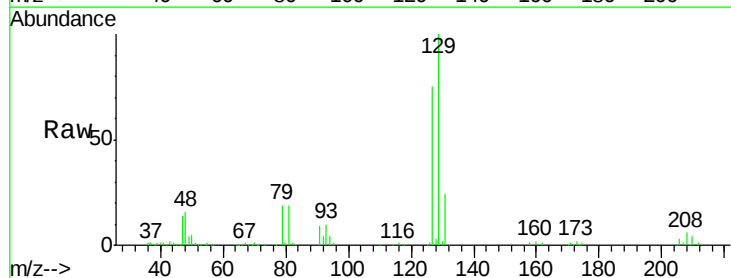
Manual Integrations
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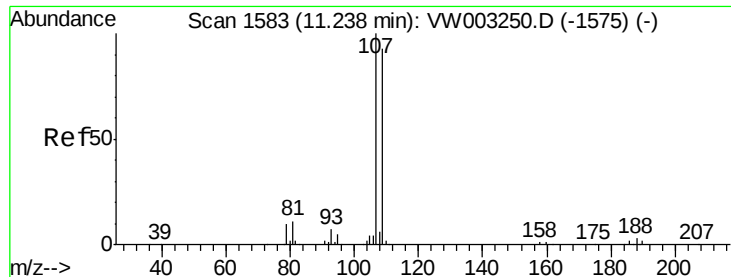
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#60
Dibromochloromethane
Concen: 42.11 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW003460.D
Acq: 23 Jun 2018 15:11

Tgt Ion: 129 Resp: 97045
Ion Ratio Lower Upper
129 100
127 78.0 39.1 117.5





#61

1,2-Dibromoethane

Concen: 49.68 ug/l

RT: 11.24 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VW003460.D

Acq: 23 Jun 2018 15:11

Instrument :

MSVOA_W

ClientSampleId :

WP021SB482-15-17-180619MSD

Tot Ion: 107 Resp: 91070

Ion Ratio Lower Upper

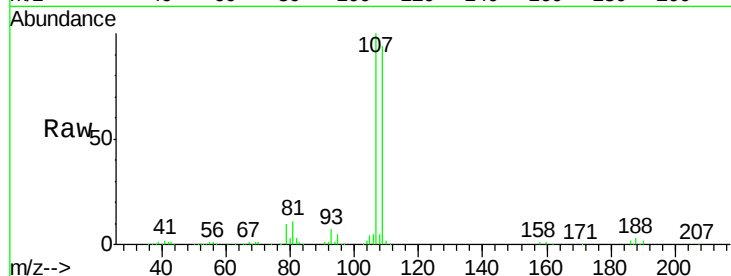
107 100

109 94.9 75.8 113.6

Manual Integrations
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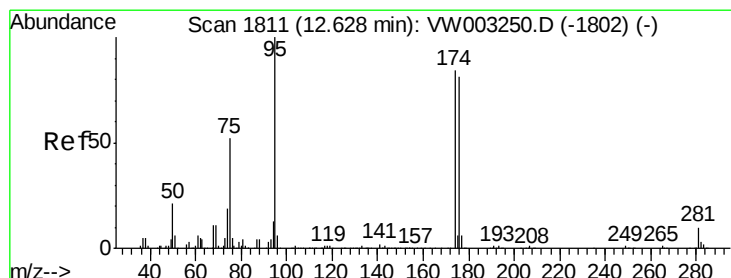
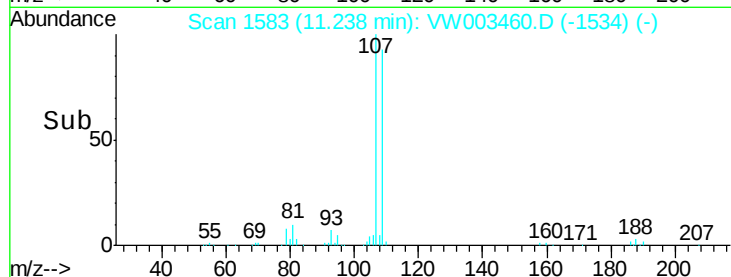
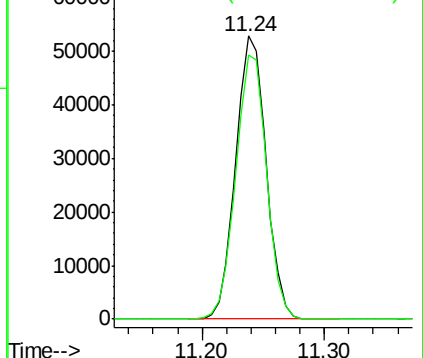
apatel

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.70 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.01 min

Lab File: VW003460.D

Acq: 23 Jun 2018 15:11

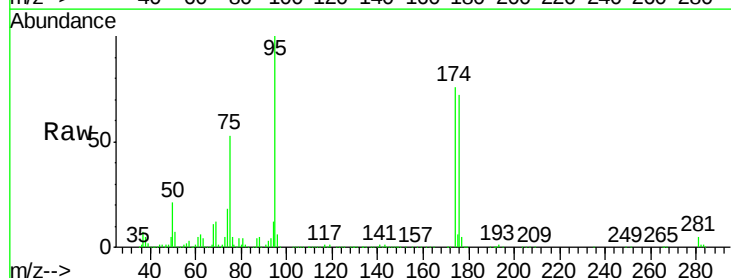
Tgt Ion: 95 Resp: 175208

Ion Ratio Lower Upper

95 100

174 81.2 0.0 166.4

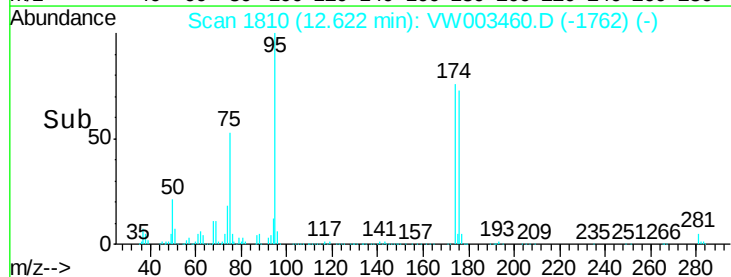
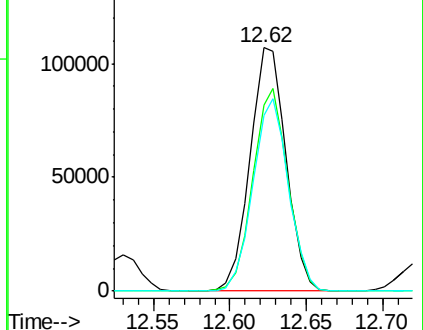
176 78.1 0.0 162.0

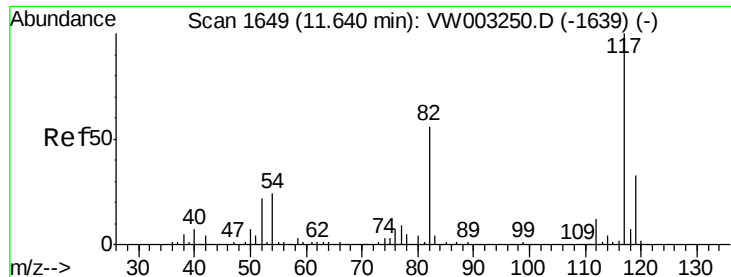


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





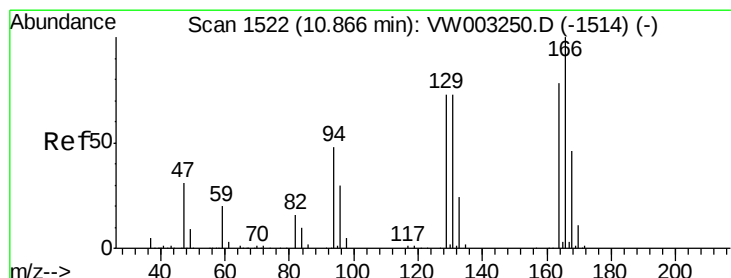
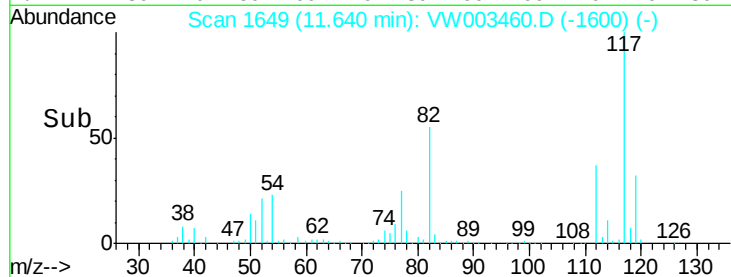
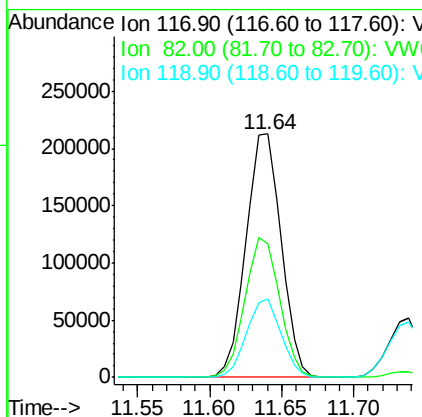
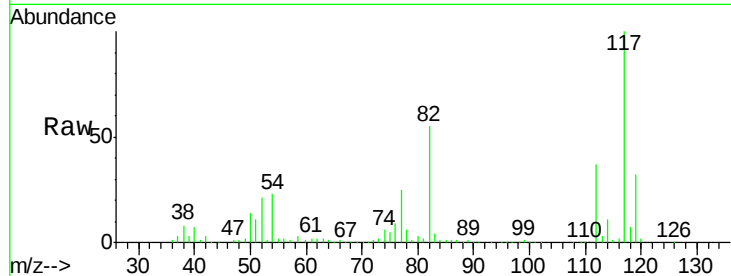
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VW003460.D
Acq: 23 Jun 2018 15:11

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

Tot Ion	Ratio	Resp	Lower	Upper
117	100	359672		
82	54.9	44.6	67.0	
119	32.1	26.7	40.1	

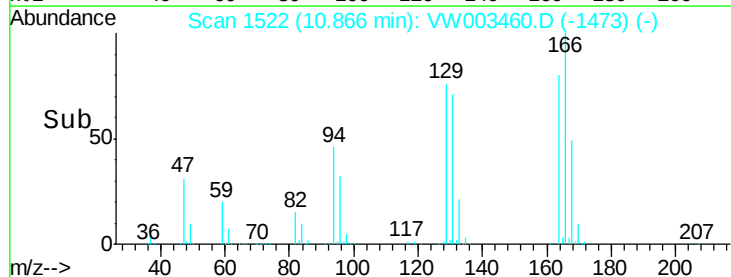
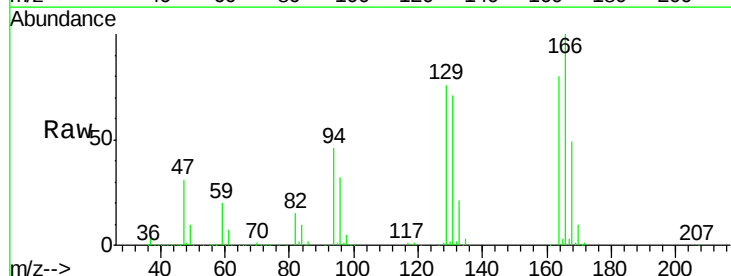
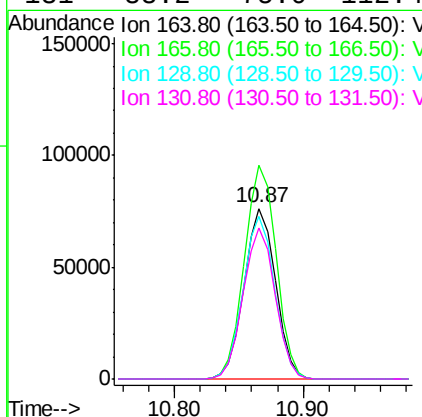
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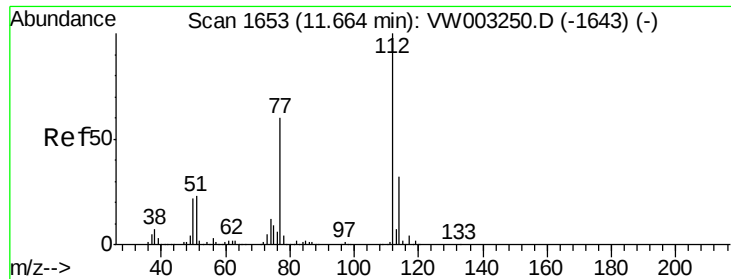
apatel
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#64
Tetrachloroethene
Concen: 53.36 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003460.D
Acq: 23 Jun 2018 15:11

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	128362		
166	125.1	102.6	154.0	
129	94.9	75.2	112.8	
131	88.2	75.0	112.4	





#65

Chlorobenzene

Concen: 142.62 ug/l

RT: 11.66 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VW003460.D

Acq: 23 Jun 2018 15:11

Instrument :

MSVOA_W

ClientSampleId :

WP021SB482-15-17-180619MSD

Tot Ion:112 Resp: 1068186

Ion Ratio Lower Upper

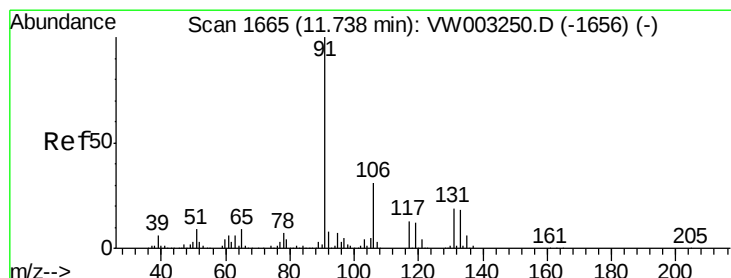
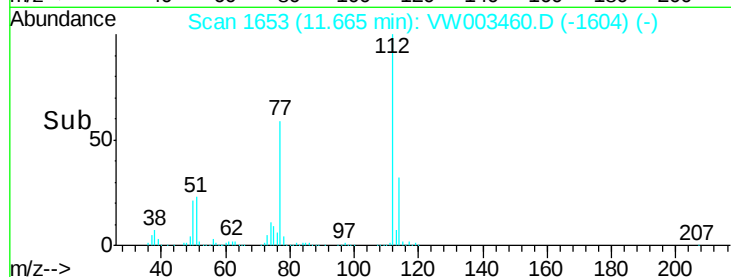
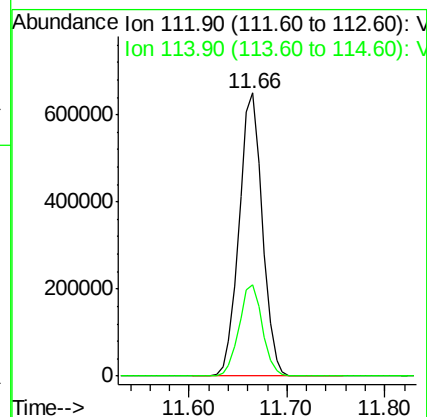
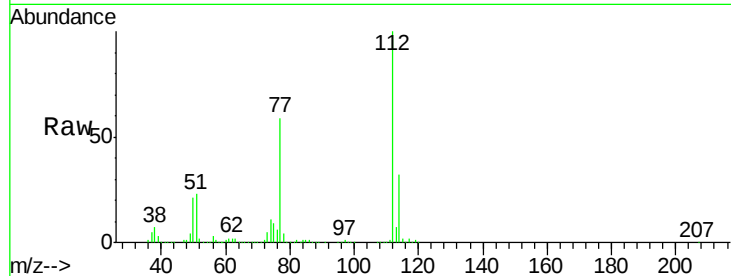
112 100

114 32.3 25.9 38.9

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 47.54 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VW003460.D

Acq: 23 Jun 2018 15:11

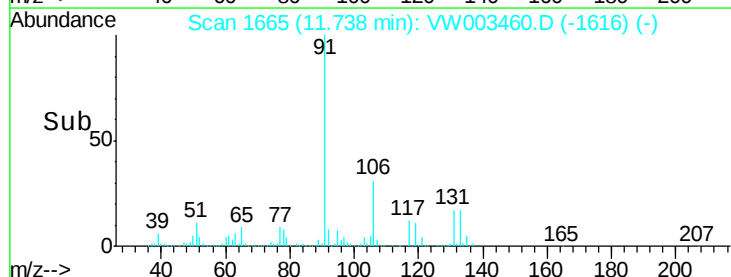
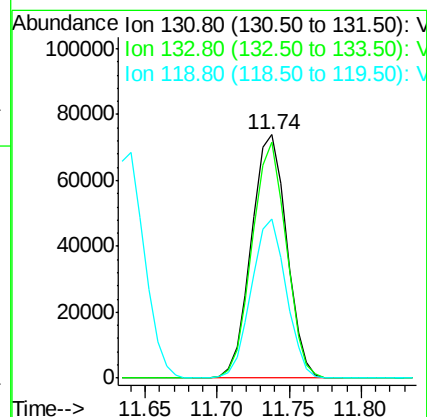
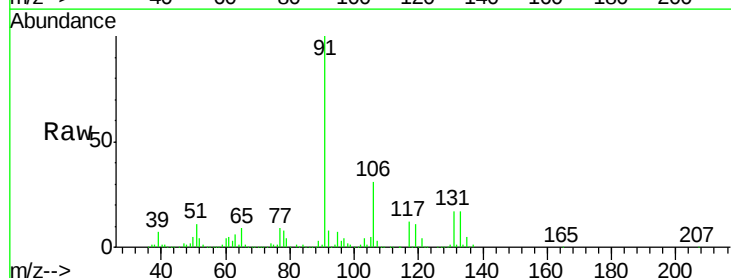
Tgt Ion:131 Resp: 125130

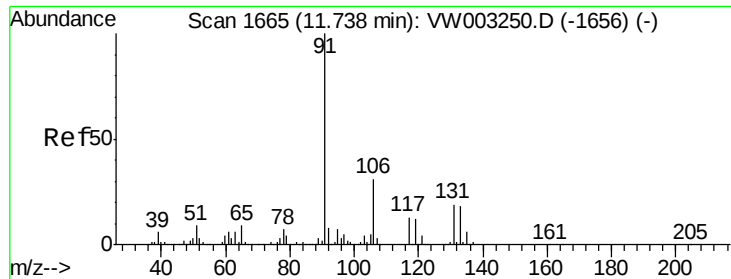
Ion Ratio Lower Upper

131 100

133 93.8 47.3 142.0

119 64.6 32.5 97.4





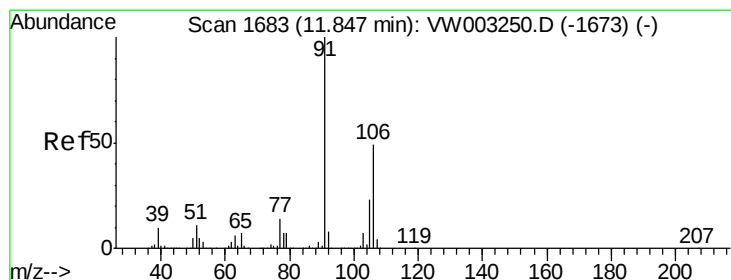
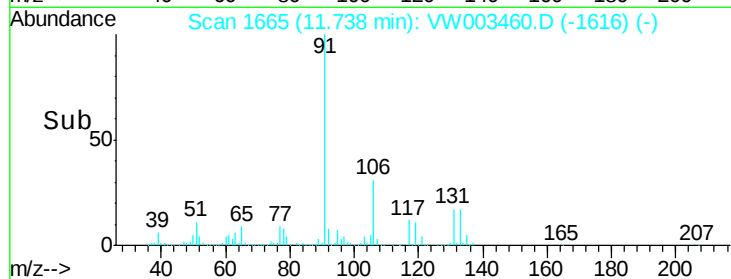
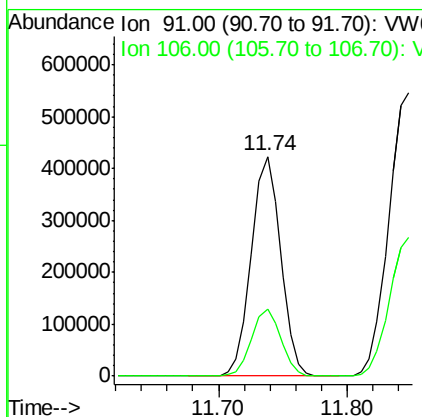
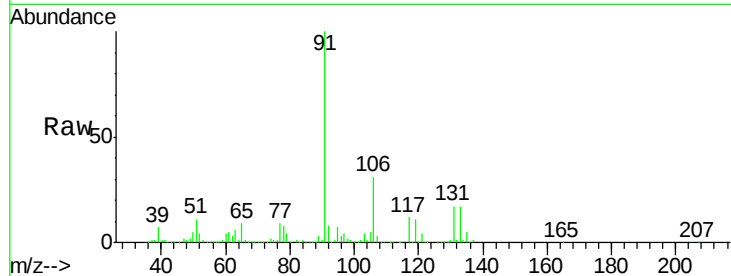
#67
Ethyl Benzene
Concen: 50.07 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003460.D
Acq: 23 Jun 2018 15:11

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

Tot Ion: 91 Resp: 664732
Ion Ratio Lower Upper
91 100
106 30.8 24.7 37.1

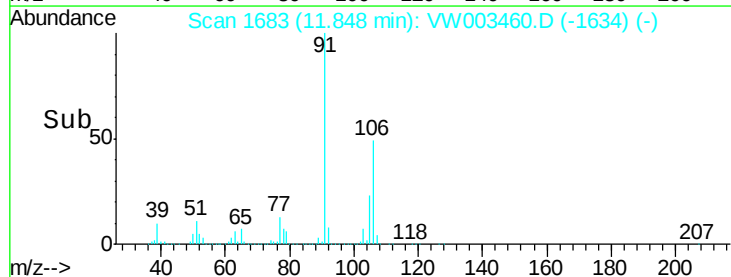
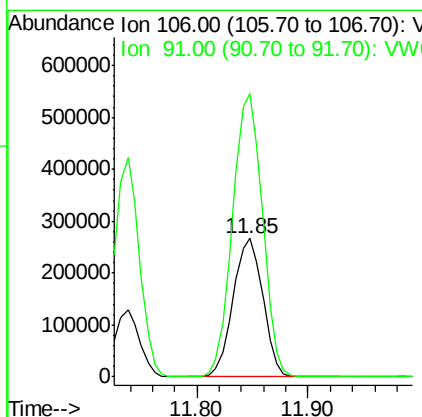
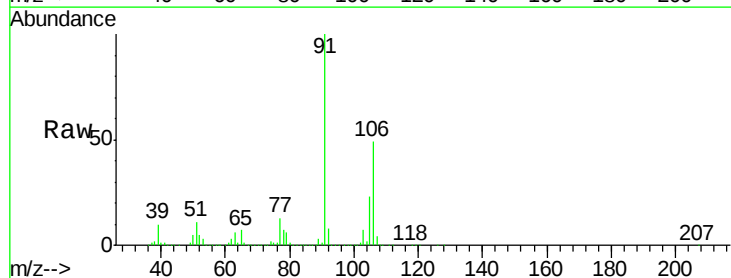
Manual Integrations
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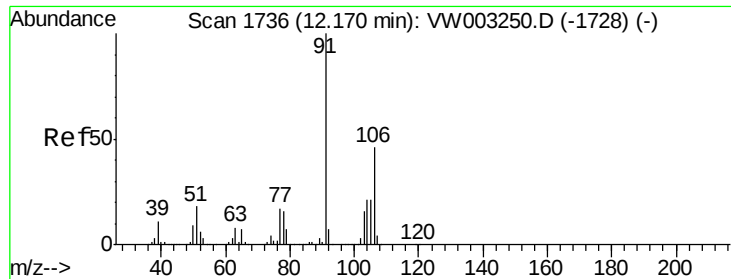
apatel
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#68
m/p-Xylenes
Concen: 97.82 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW003460.D
Acq: 23 Jun 2018 15:11

Tgt Ion: 106 Resp: 493716
Ion Ratio Lower Upper
106 100
91 205.3 165.4 248.0





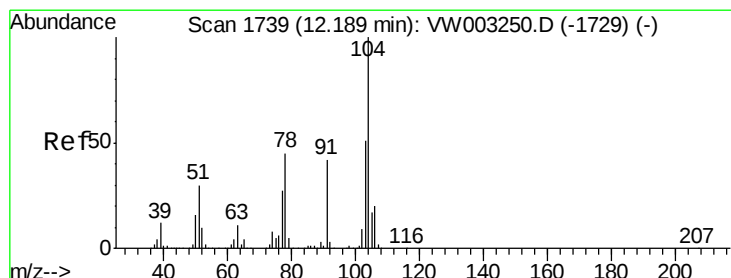
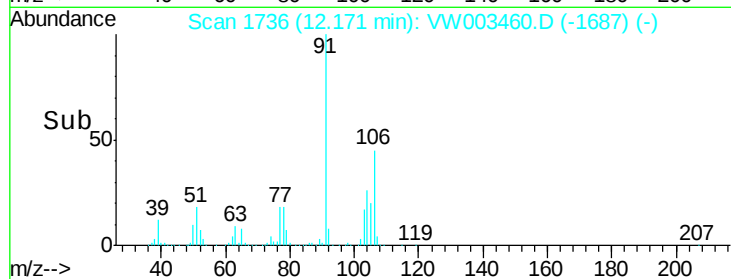
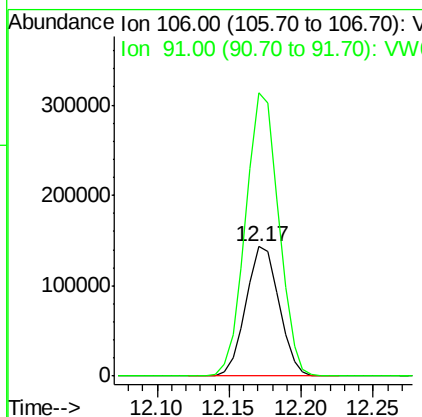
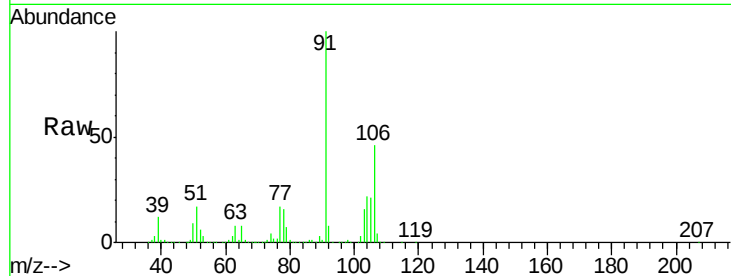
#69
o-Xylene
Concen: 49.03 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003460.D
Acq: 23 Jun 2018 15:11

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		229323		
91	217.9	108.6	325.6		

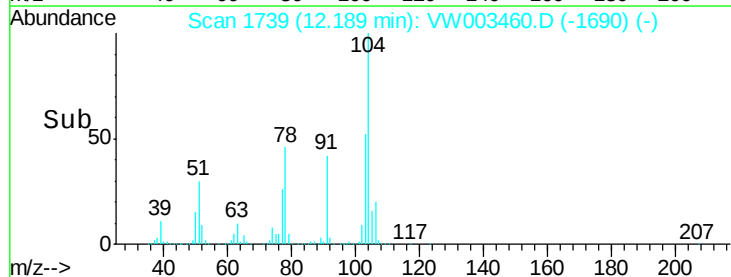
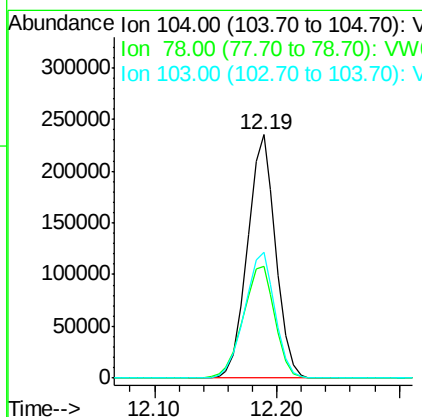
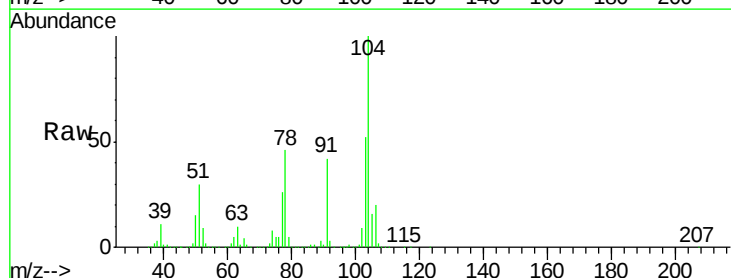
Manual Integrations
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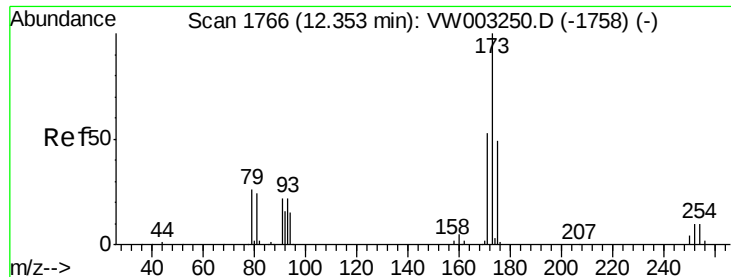
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#70
Styrene
Concen: 48.19 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW003460.D
Acq: 23 Jun 2018 15:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		375158		
78	52.0	41.3	61.9		
103	55.9	45.0	67.4		





#71

Bromoform

Concen: 37.90 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW003460.D

Acq: 23 Jun 2018 15:11

Instrument :

MSVOA_W

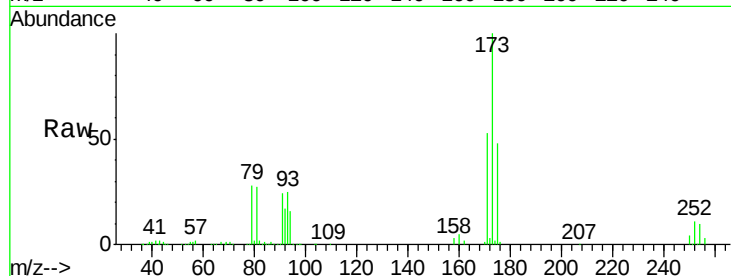
ClientSampleId :

WP021SB482-15-17-180619MSD

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.6	24.4	73.4
254	0.0	0.1	0.1#

Manual Integrations
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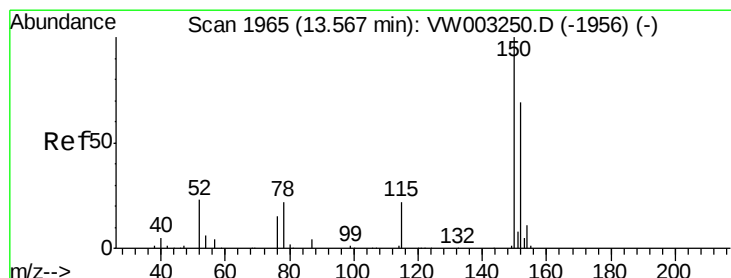
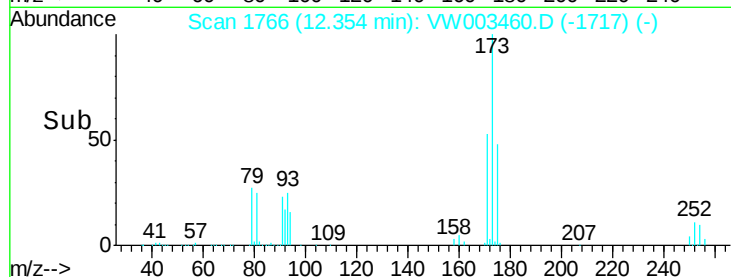
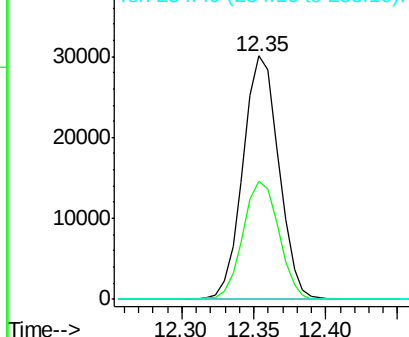


Abundance

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: VW003460.D

Acq: 23 Jun 2018 15:11

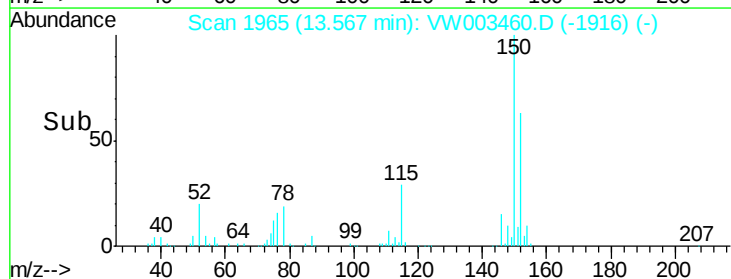
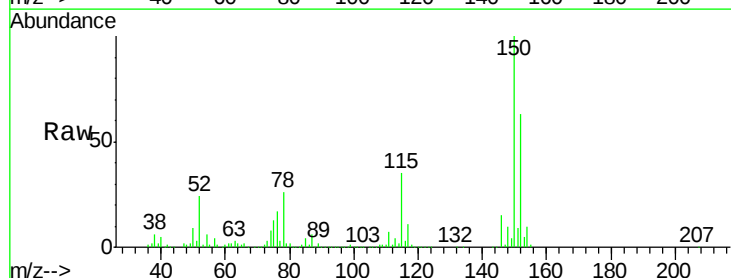
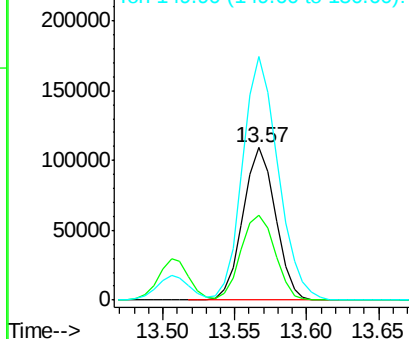
Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.0	29.3	88.0
150	174.3	0.0	349.6

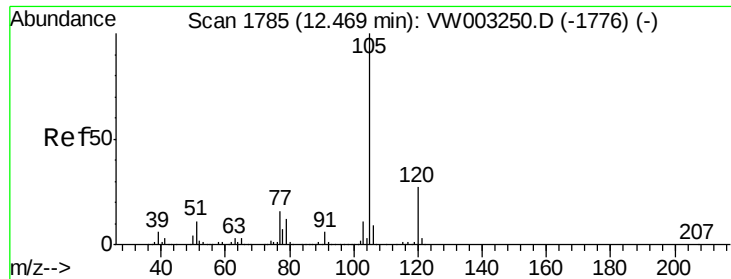
Abundance

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





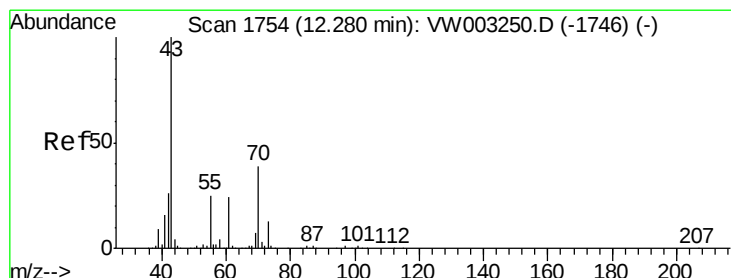
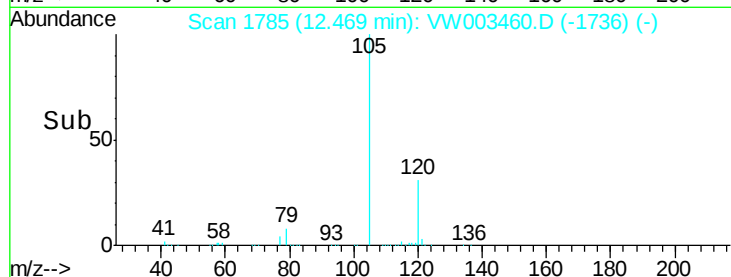
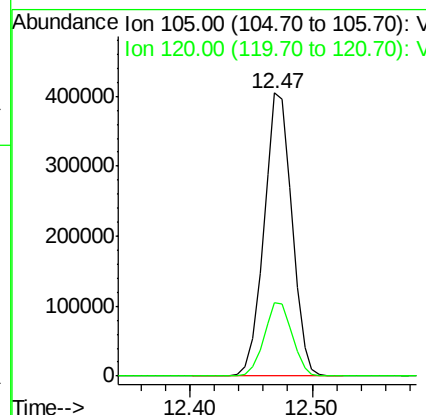
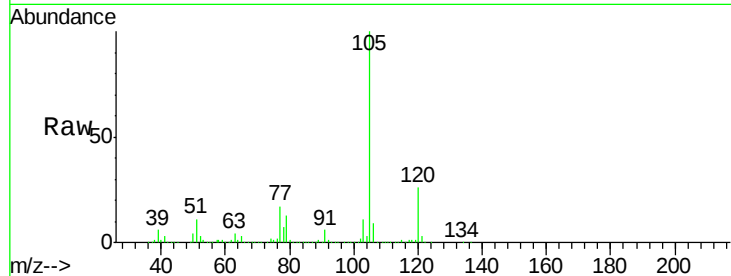
#73
Isopropylbenzene
Concen: 53.79 ug/l
RT: 12.47 min Scan# 1785
Delta R.T. 0.00 min
Lab File: VW003460.D
Acq: 23 Jun 2018 15:11

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

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.2	13.2	39.6

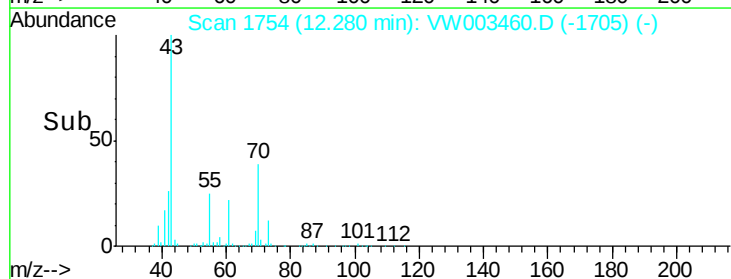
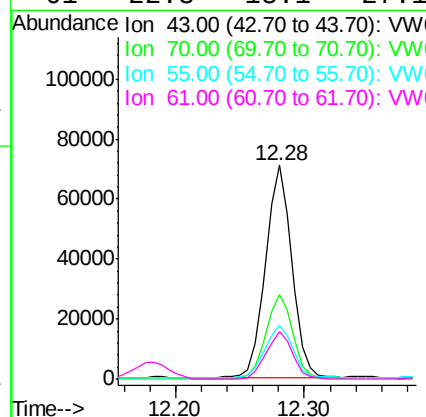
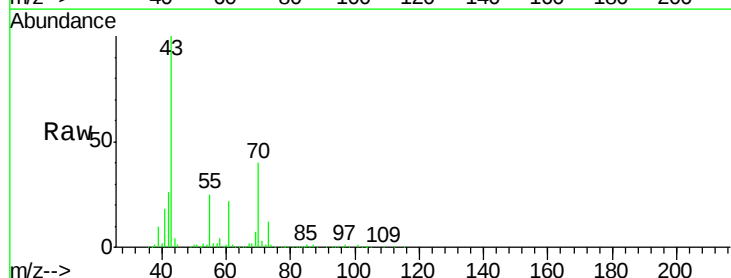
Manual Integrations
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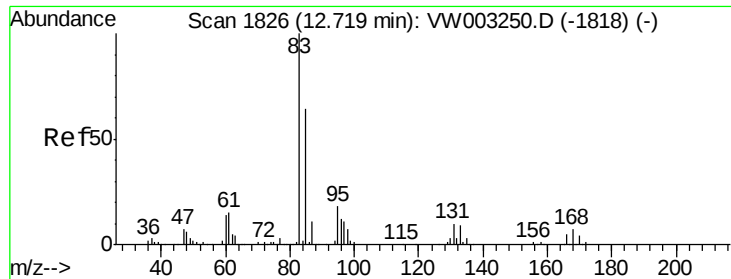
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#74
N-ethyl acetate
Concen: 37.27 ug/l
RT: 12.28 min Scan# 1754
Delta R.T. 0.00 min
Lab File: VW003460.D
Acq: 23 Jun 2018 15:11

Tgt Ion	Ratio	Lower	Upper
43	100		
70	39.9	31.0	46.6
55	27.6	19.7	29.5
61	22.3	18.1	27.1





#75

1,1,2,2-Tetrachloroethane

Concen: 56.00 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW003460.D

Acq: 23 Jun 2018 15:11

Instrument :

MSVOA_W

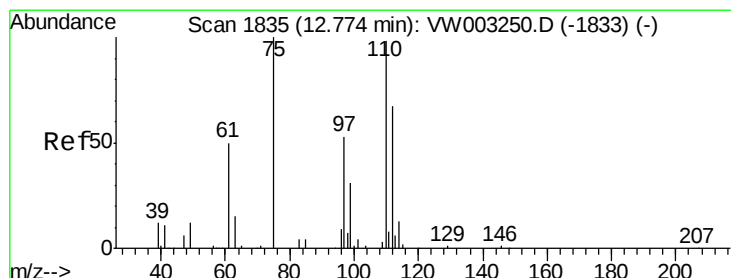
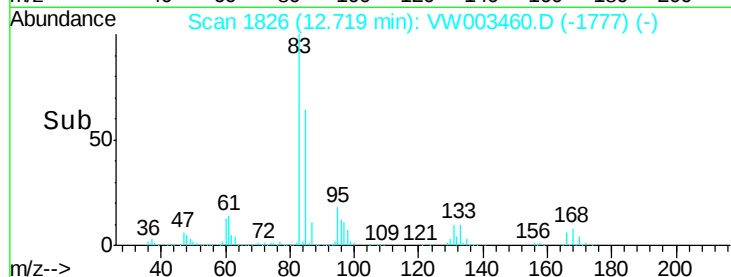
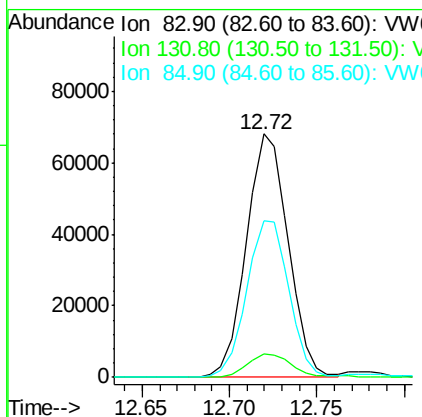
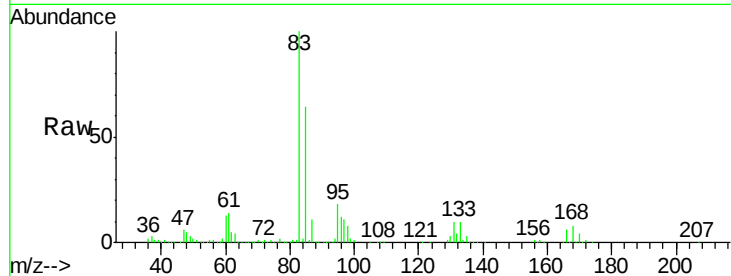
ClientSampleId :

WP021SB482-15-17-180619MSD

Tot Ion:	83	Resp:	112975
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.4	16.2
85	65.3	31.9	95.7

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 55.02 ug/l m

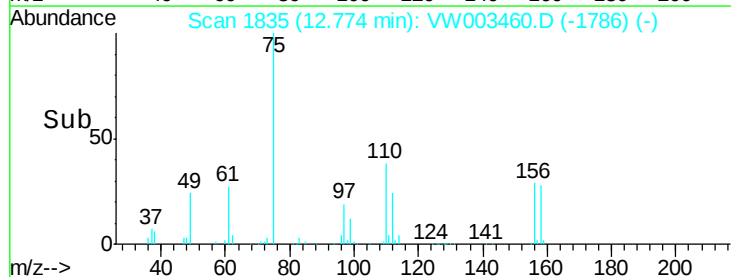
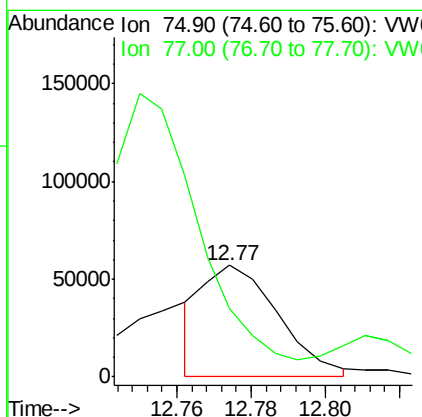
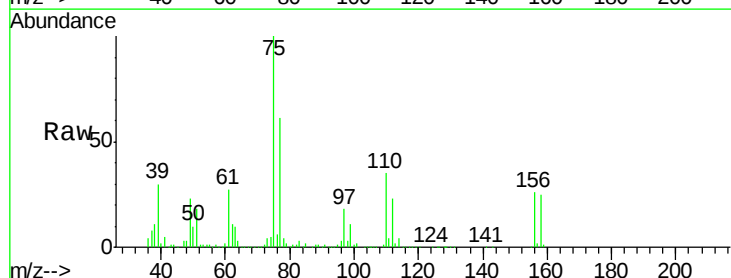
RT: 12.77 min Scan# 1835

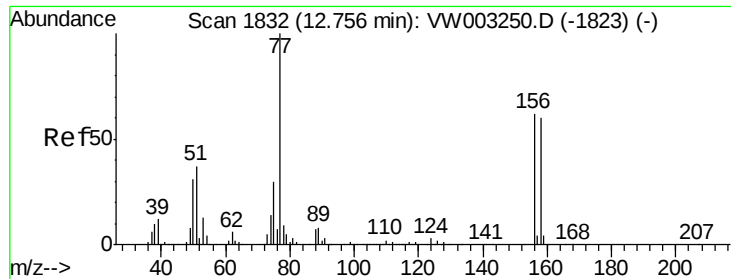
Delta R.T. 0.00 min

Lab File: VW003460.D

Acq: 23 Jun 2018 15:11

Tgt Ion:	75	Resp:	80640
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 51.24 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VW003460.D

Acq: 23 Jun 2018 15:11

Instrument :

MSVOA_W

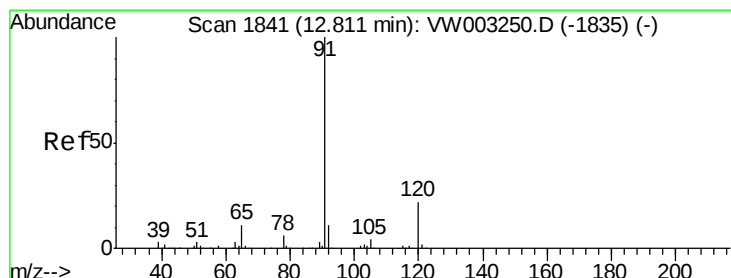
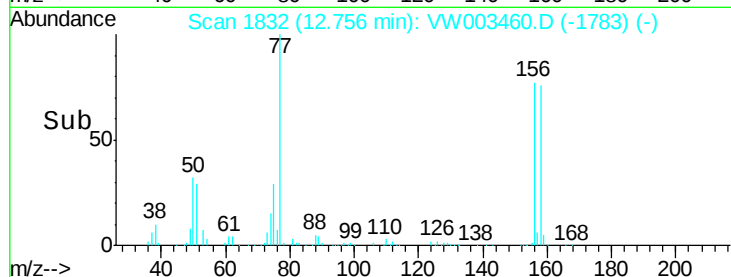
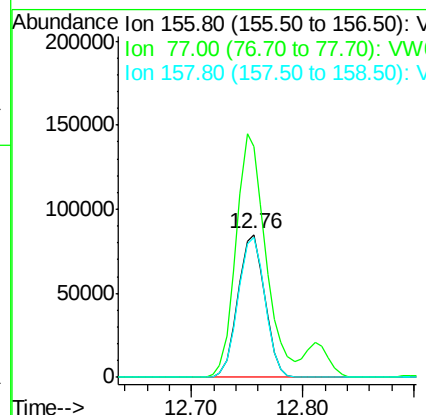
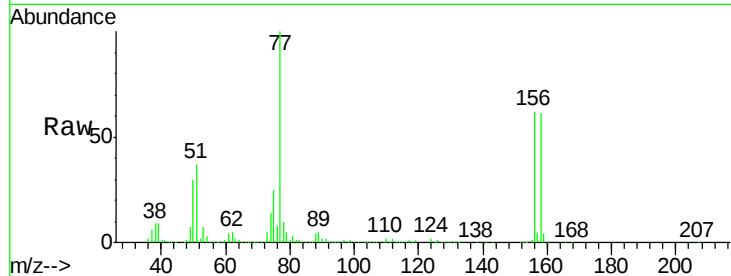
ClientSampleId :

WP021SB482-15-17-180619MSD

Tot Ion:	156	Resp:	142295
Ion Ratio	Lower	Upper	
156	100		
77	186.7	92.3	276.9
158	97.7	47.5	142.6

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#78

n-propylbenzene

Concen: 52.50 ug/l

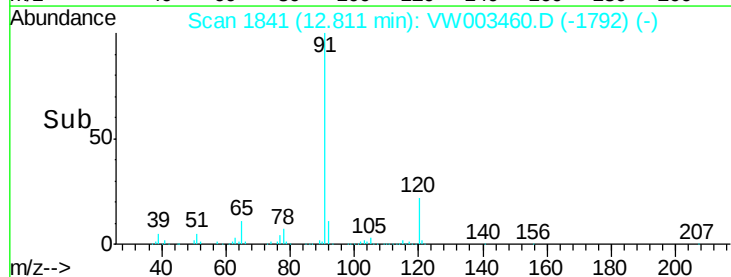
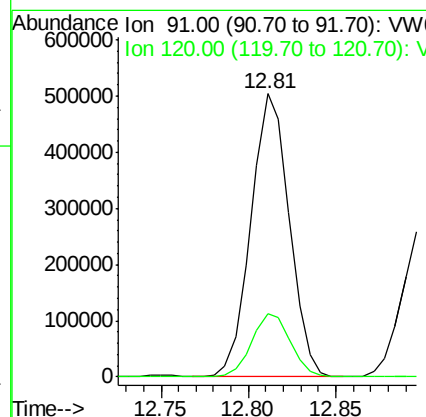
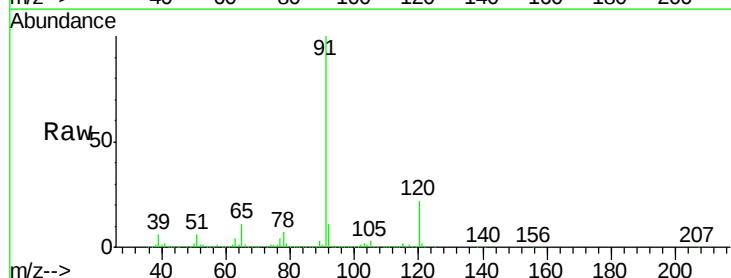
RT: 12.81 min Scan# 1841

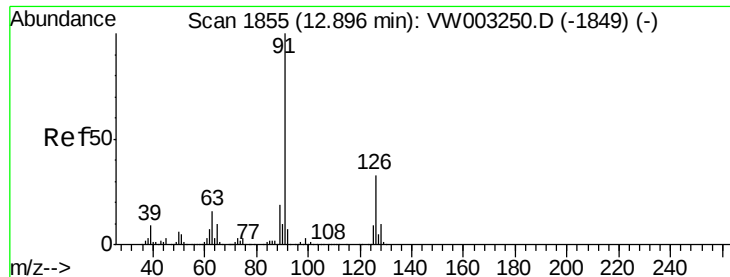
Delta R.T. 0.00 min

Lab File: VW003460.D

Acq: 23 Jun 2018 15:11

Tgt Ion:	91	Resp:	766653
Ion Ratio	Lower	Upper	
91	100		
120	22.6	11.3	33.8





#79

2-Chlorotoluene

Concen: 51.62 ug/l

RT: 12.90 min Scan# 1856

Delta R.T. 0.01 min

Lab File: VW003460.D

Acq: 23 Jun 2018 15:11

Instrument :

MSVOA_W

ClientSampleId :

WP021SB482-15-17-180619MSD

Tot Ion: 91 Resp: 425970

Ion Ratio Lower Upper

91 100

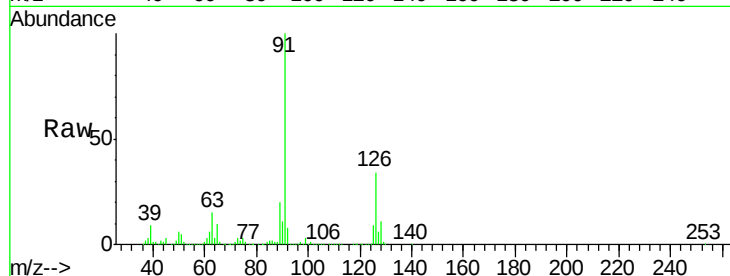
126 33.9 16.8 50.4

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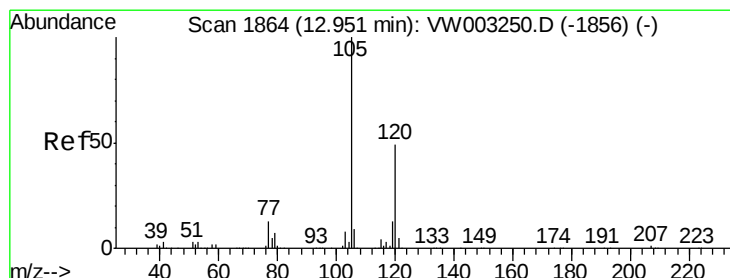
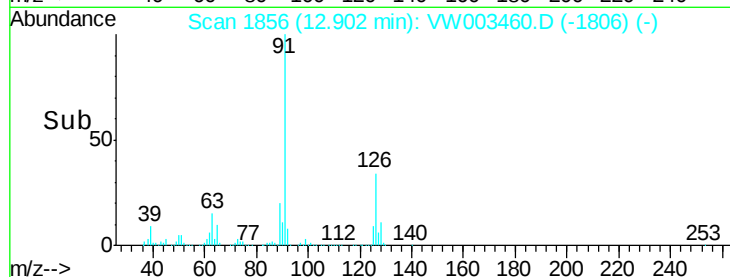
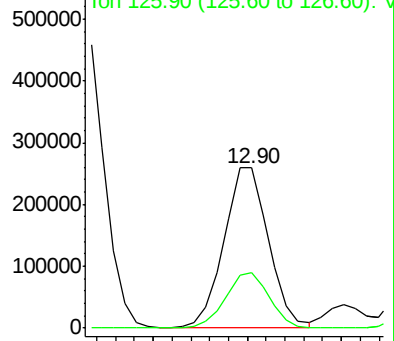
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 51.93 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW003460.D

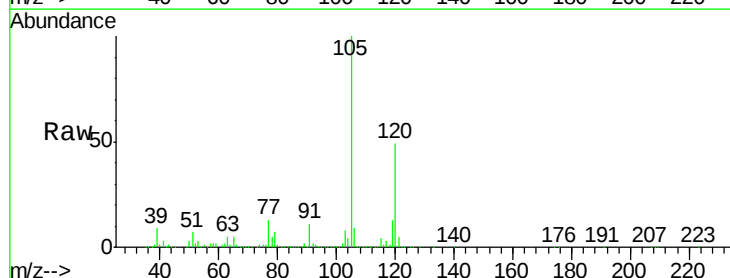
Acq: 23 Jun 2018 15:11

Tgt Ion:105 Resp: 519805

Ion Ratio Lower Upper

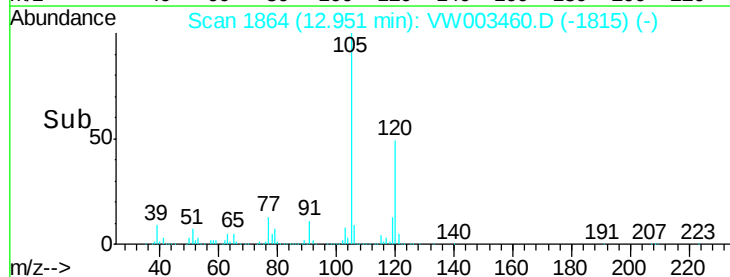
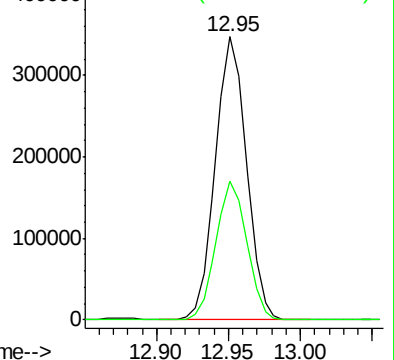
105 100

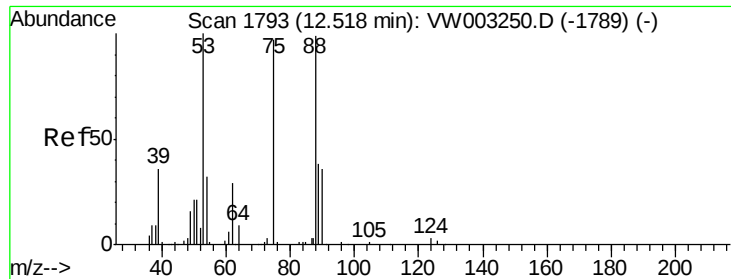
120 48.9 24.3 72.9



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: 22.90 ug/l

RT: 12.52 min Scan# 1794

Delta R.T. 0.01 min

Lab File: VW003460.D

Acq: 23 Jun 2018 15:11

Instrument :

MSVOA_W

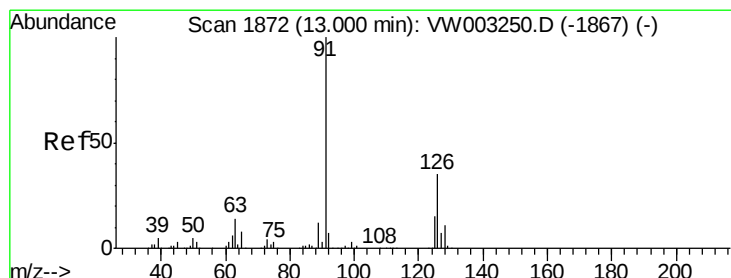
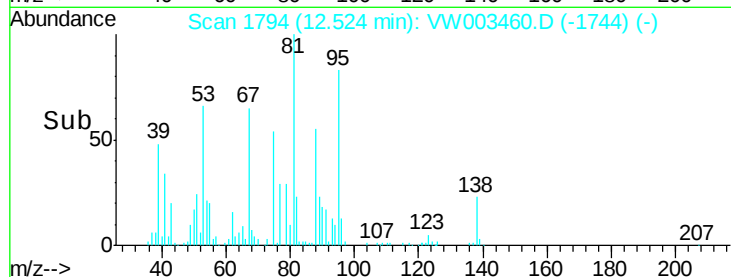
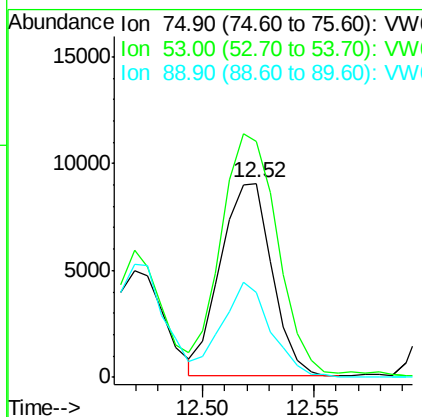
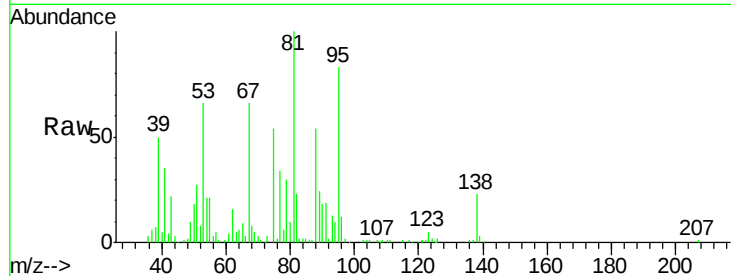
ClientSampleId :

WP021SB482-15-17-180619MSD

Tot Ion	Ratio	Lower	Upper
75	100		
53	133.8	82.9	124.3#
89	47.0	36.7	55.1

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#82

4-Chlorotoluene

Concen: 50.49 ug/l

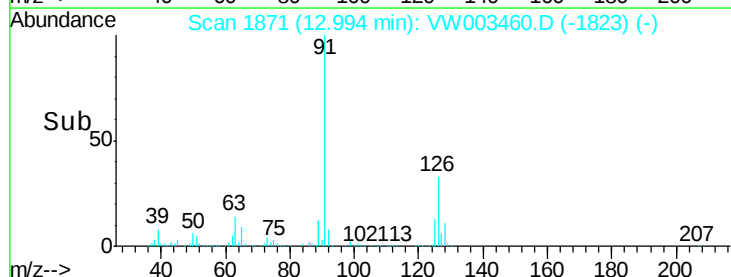
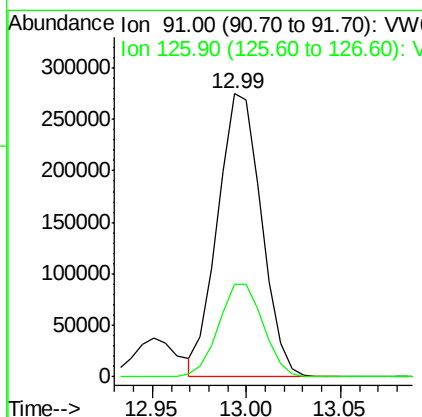
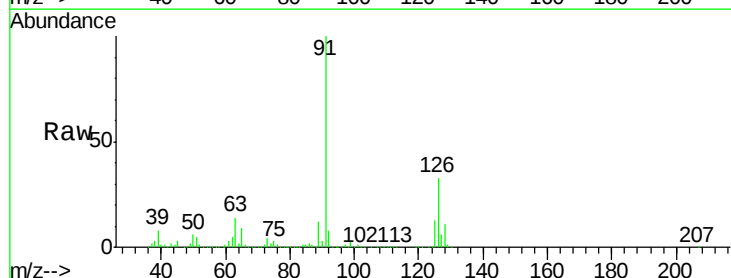
RT: 12.99 min Scan# 1871

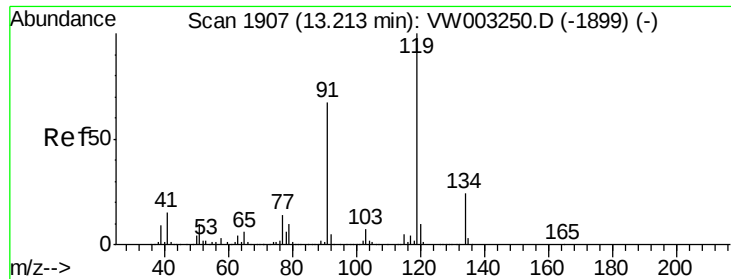
Delta R.T. -0.01 min

Lab File: VW003460.D

Acq: 23 Jun 2018 15:11

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.6	16.8	50.3





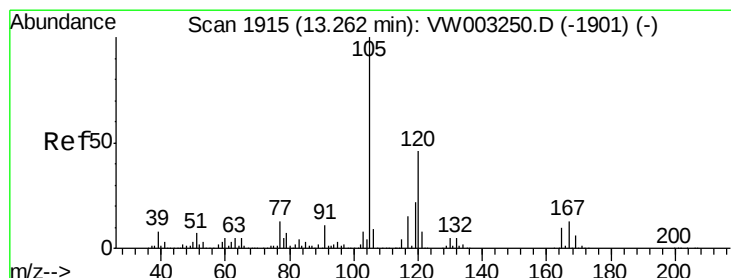
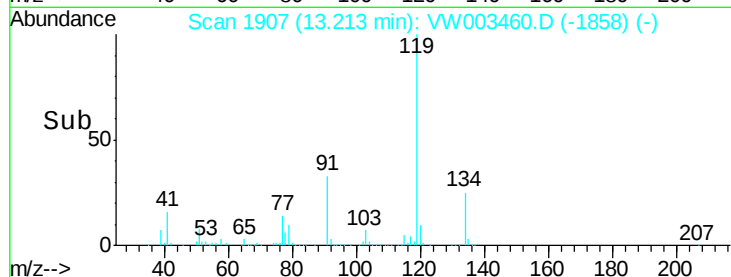
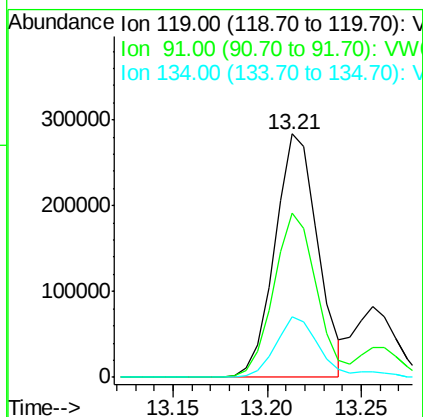
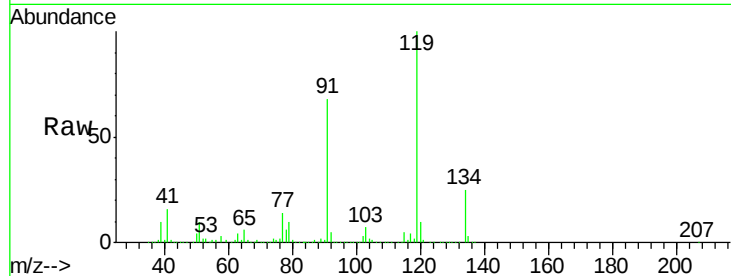
#83
tert-Butylbenzene
Concen: 52.35 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. 0.00 min
Lab File: VW003460.D
Acq: 23 Jun 2018 15:11

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

Tot Ion	Ratio	Resp	Lower	Upper
119	100	446534		
91	67.7	33.9	101.7	
134	26.3	13.4	40.1	

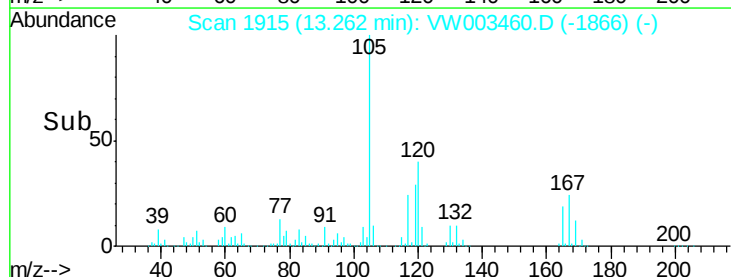
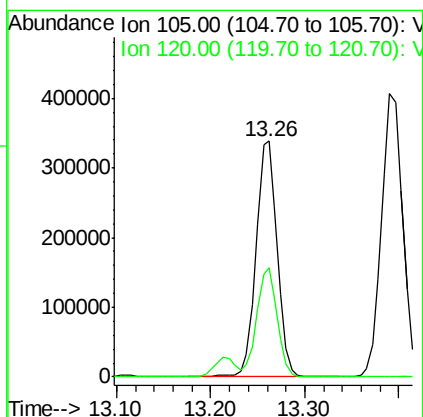
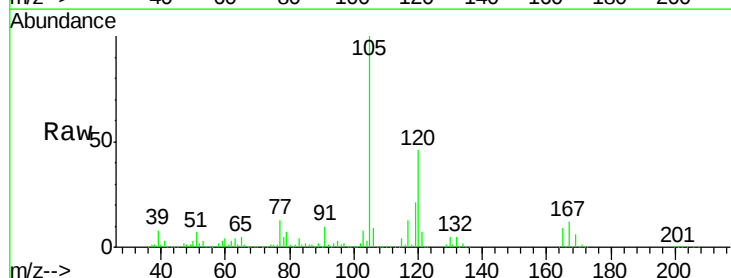
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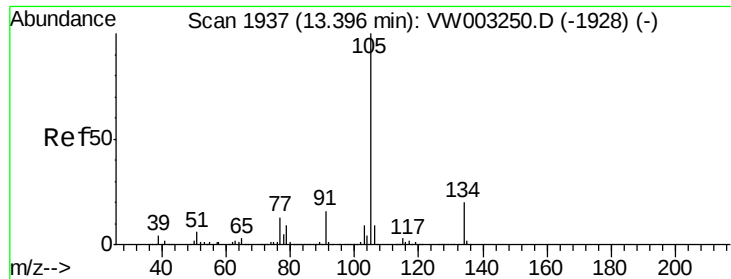
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#84
1,2,4-Trimethylbenzene
Concen: 51.95 ug/l
RT: 13.26 min Scan# 1915
Delta R.T. 0.00 min
Lab File: VW003460.D
Acq: 23 Jun 2018 15:11

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	534938		
120	44.9	22.5	67.5	





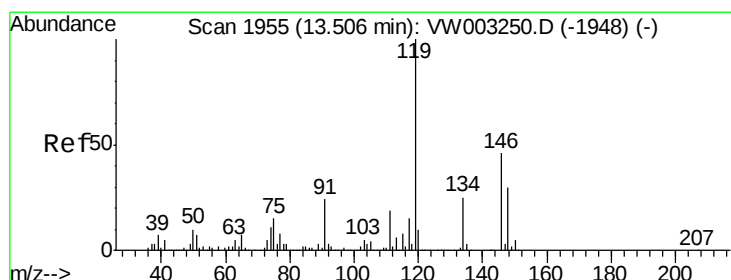
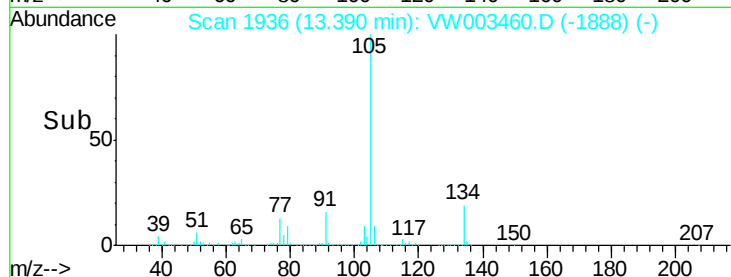
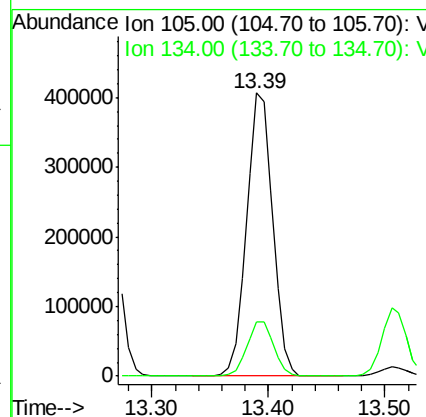
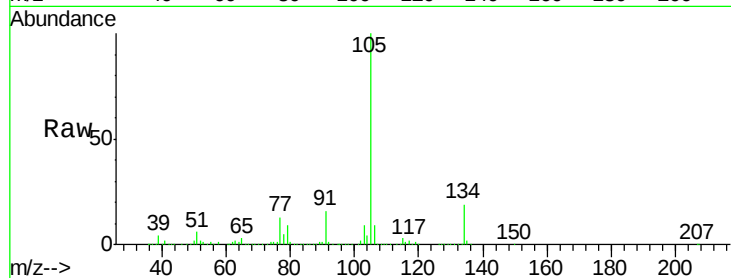
#85
 sec-Butylbenzene
 Concen: 50.17 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: VW003460.D
 Acq: 23 Jun 2018 15:11

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

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.6	9.8	29.5

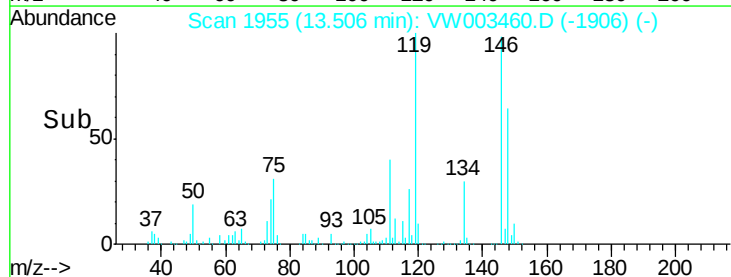
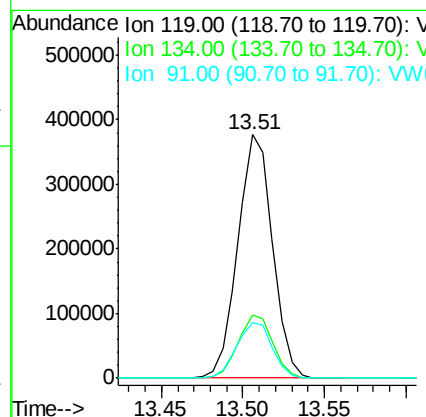
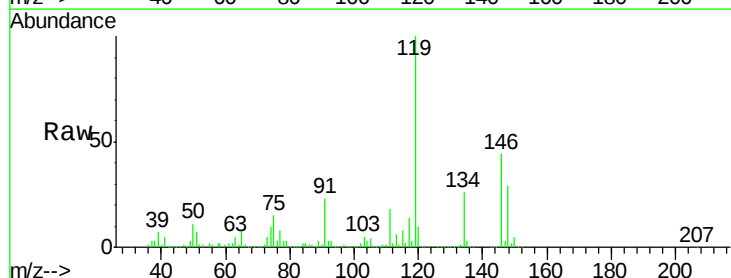
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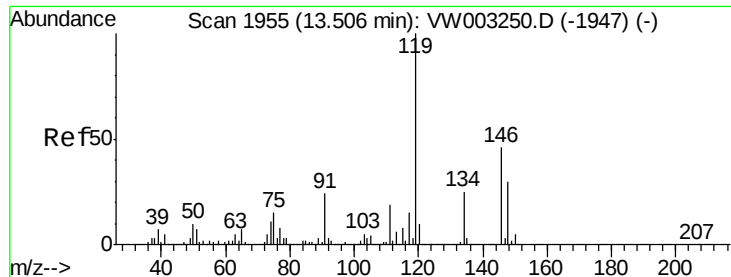
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#86
 p-Isopropyltoluene
 Concen: 49.83 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003460.D
 Acq: 23 Jun 2018 15:11

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.9	12.9	38.7
91	23.5	11.8	35.3





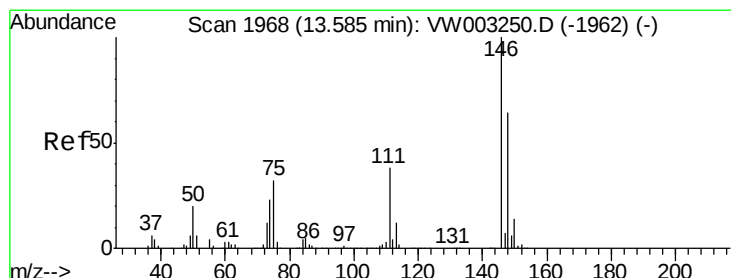
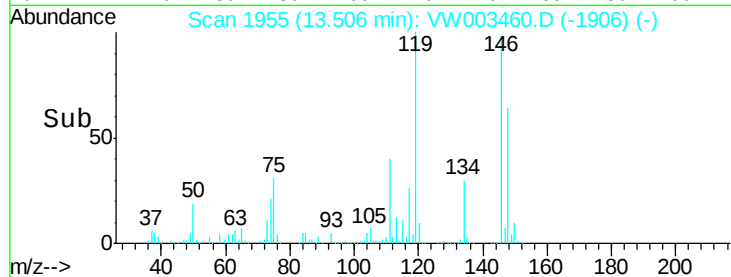
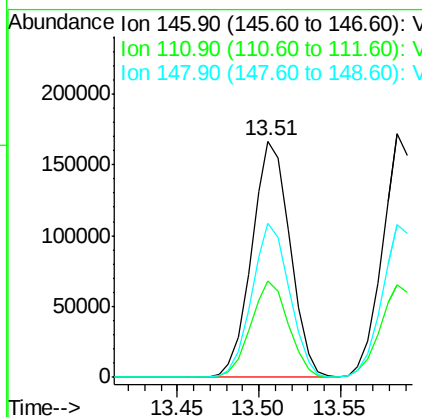
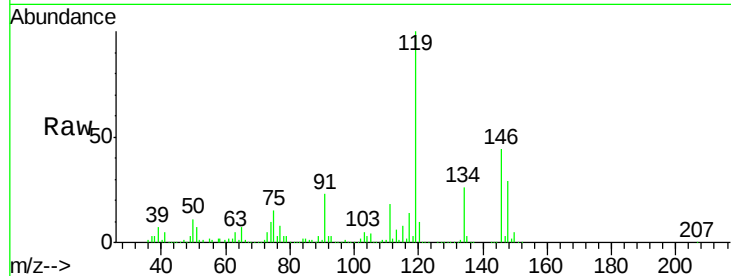
#87
 1,3-Dichlorobenzene
 Concen: 47.38 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003460.D
 Acq: 23 Jun 2018 15:11

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

Tot Ion	Ratio	Resp	Lower	Upper
146	100	270292		
111	40.3	19.8	59.4	
148	64.3	32.1	96.5	

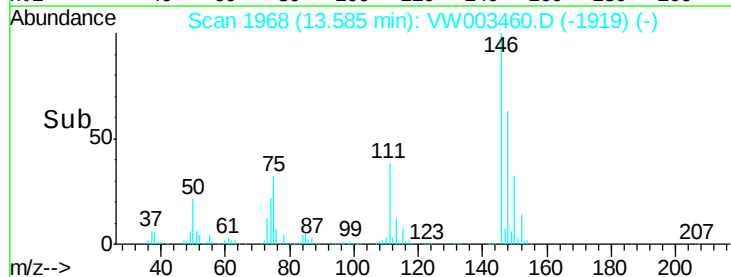
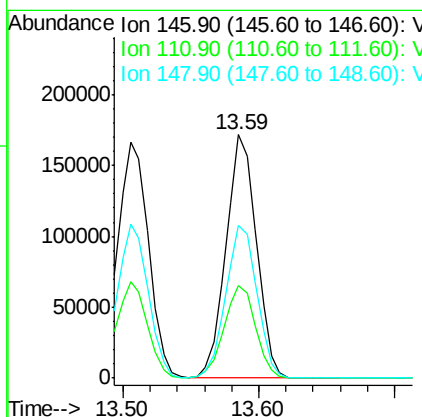
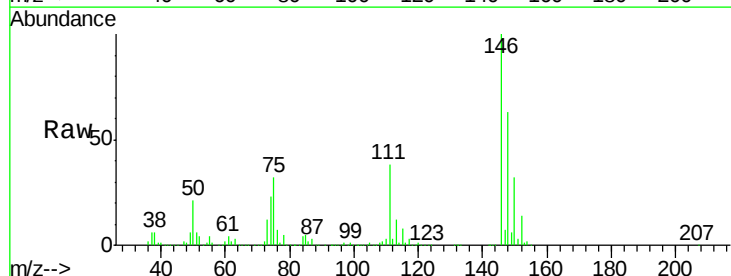
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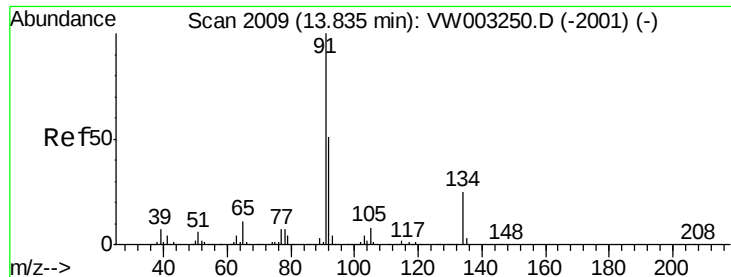
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#88
 1,4-Dichlorobenzene
 Concen: 47.06 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW003460.D
 Acq: 23 Jun 2018 15:11

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	266910		
111	39.4	19.2	57.6	
148	64.4	31.8	95.4	





#89

n-Butylbenzene

Concen: 46.39 ug/l

RT: 13.84 min Scan# 2009

Delta R.T. 0.00 min

Lab File: VW003460.D

Acq: 23 Jun 2018 15:11

Instrument :

MSVOA_W

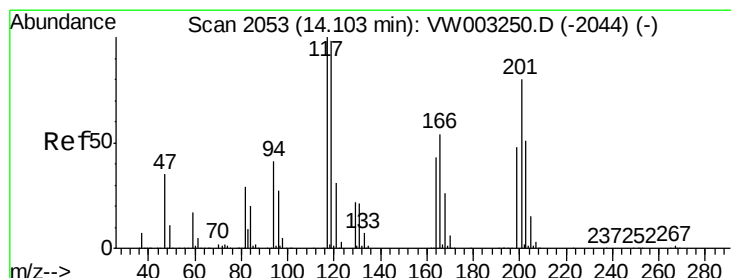
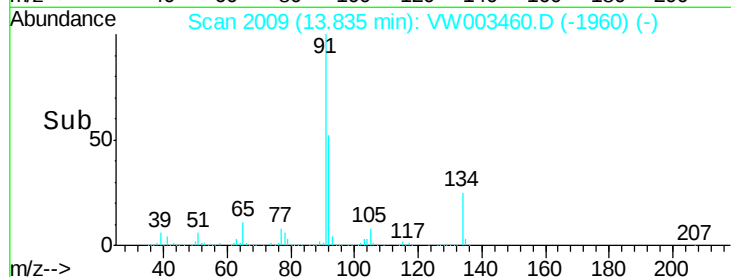
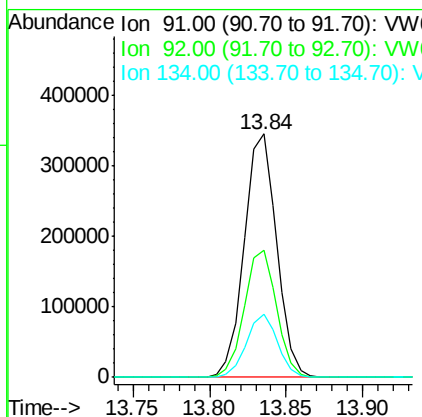
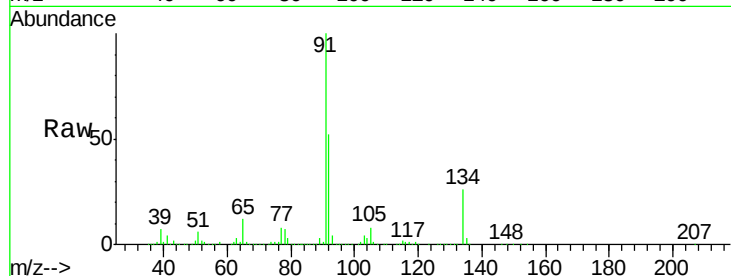
ClientSampleId :

WP021SB482-15-17-180619MSD

Tot Ion:	91	Resp:	505704
Ion Ratio	Lower	Upper	
91	100		
92	52.1	26.0	78.0
134	25.3	12.7	38.0

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#90

Hexachloroethane

Concen: 44.09 ug/l

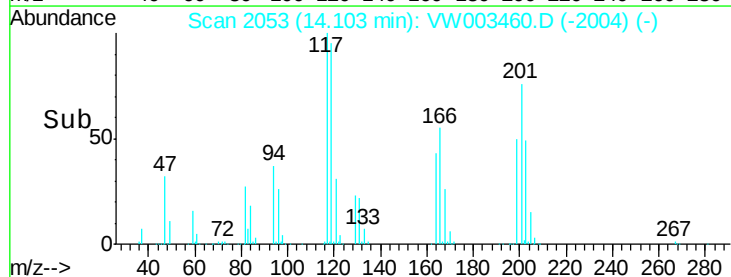
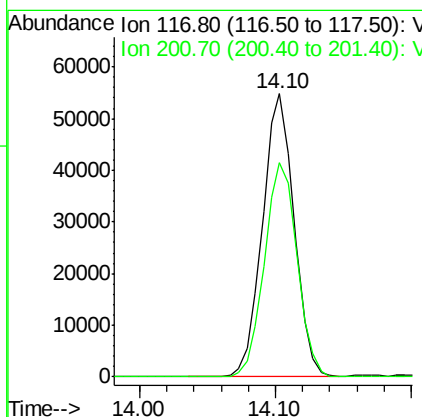
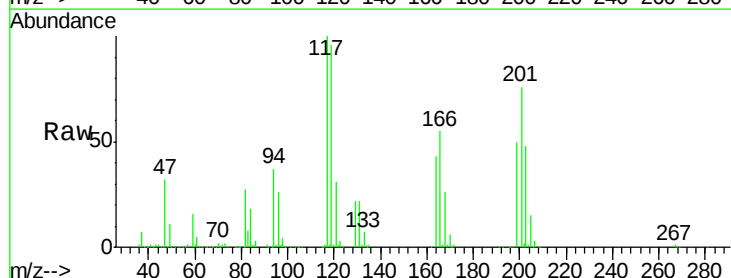
RT: 14.10 min Scan# 2053

Delta R.T. 0.00 min

Lab File: VW003460.D

Acq: 23 Jun 2018 15:11

Tgt Ion:	117	Resp:	89199
Ion Ratio	Lower	Upper	
117	100		
201	78.1	39.5	118.5





#91

1,2-Dichlorobenzene

Concen: 48.85 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. 0.00 min

Lab File: VW003460.D

Acq: 23 Jun 2018 15:11

Instrument :

MSVOA_W

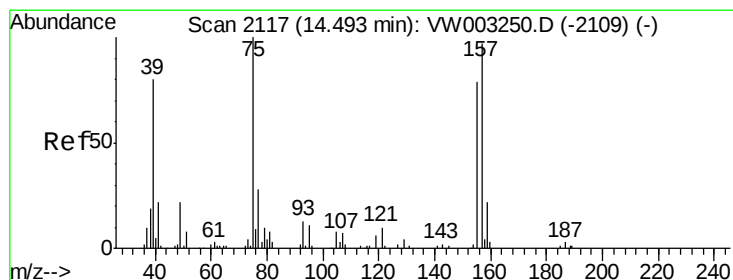
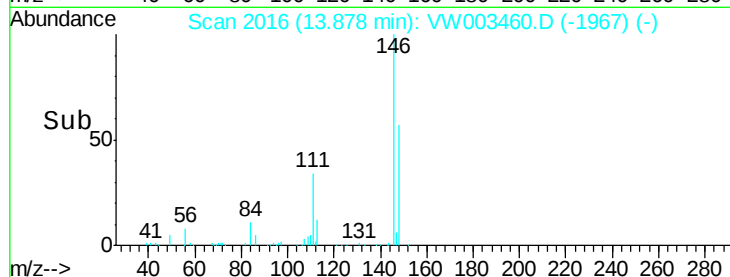
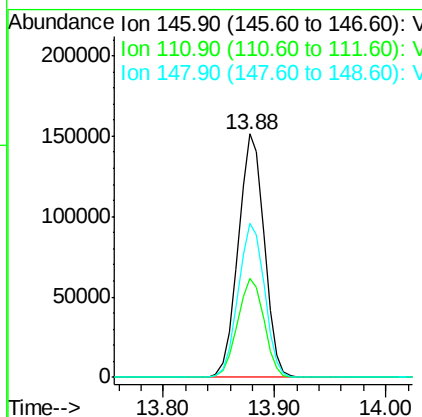
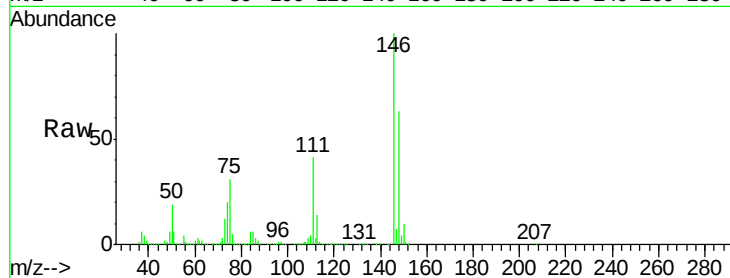
ClientSampleId :

WP021SB482-15-17-180619MSD

Tot Ion:	146	Resp:	244139
Ion Ratio		Lower	Upper
146	100		
111	41.4	20.3	61.0
148	64.1	32.3	96.9

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#92

1,2-Dibromo-3-Chloropropane

Concen: 55.87 ug/l

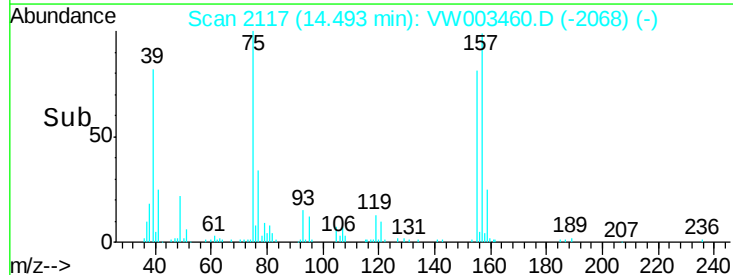
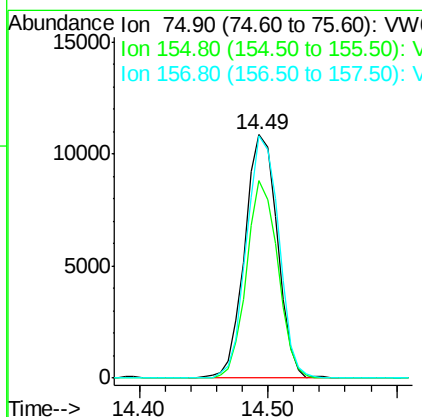
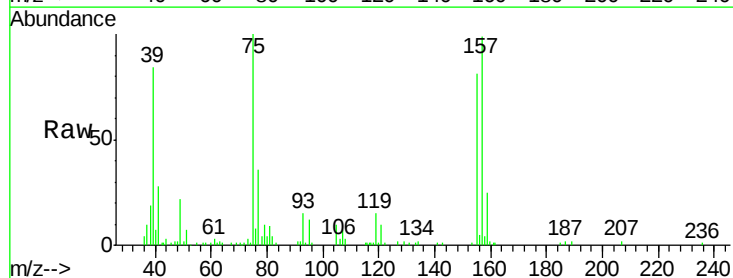
RT: 14.49 min Scan# 2117

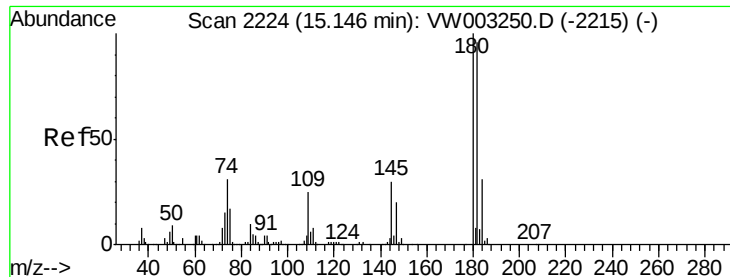
Delta R.T. 0.00 min

Lab File: VW003460.D

Acq: 23 Jun 2018 15:11

Tgt Ion:	75	Resp:	18968
Ion Ratio		Lower	Upper
75	100		
155	77.6	39.4	118.2
157	98.3	51.5	154.5





#93

1,2,4-Trichlorobenzene

Concen: 35.94 ug/l

RT: 15.15 min Scan# 2224

Delta R.T. 0.00 min

Lab File: VW003460.D

Acq: 23 Jun 2018 15:11

Instrument :

MSVOA_W

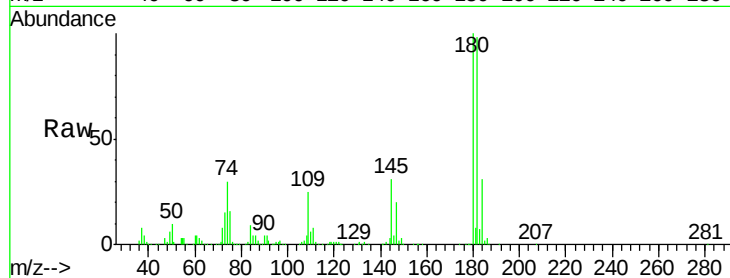
ClientSampleId :

WP021SB482-15-17-180619MSD

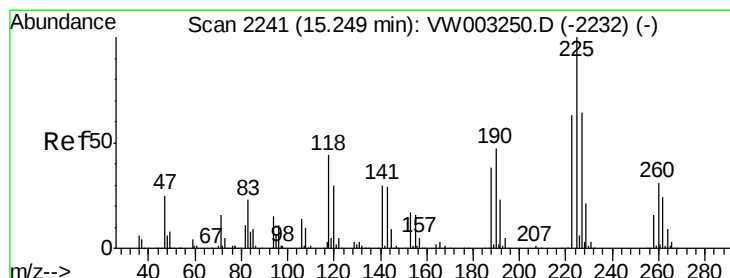
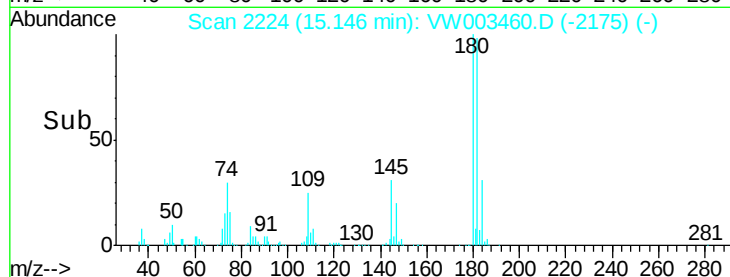
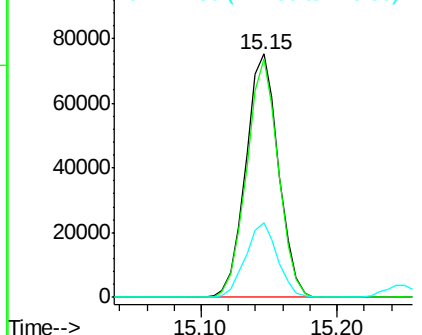
Tot Ion:	180	Resp:	126084
Ion Ratio	Lower	Upper	
180	100		
182	95.2	47.9	143.6
145	30.1	15.2	45.5

Manual Integrations
APPROVED

apatel
6/25/2018 7:12:35 PM



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 31.04 ug/l

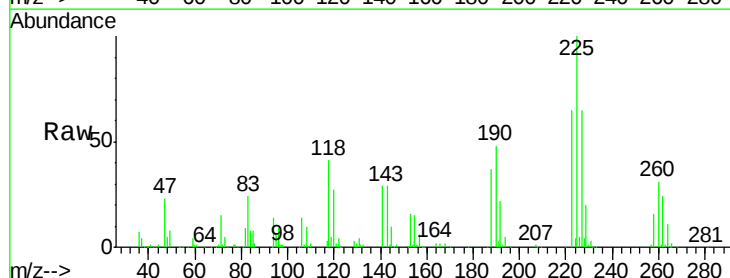
RT: 15.25 min Scan# 2241

Delta R.T. 0.00 min

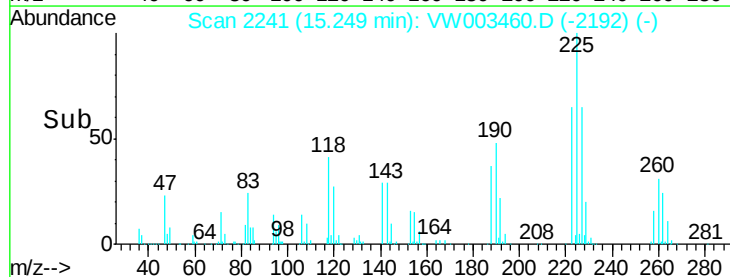
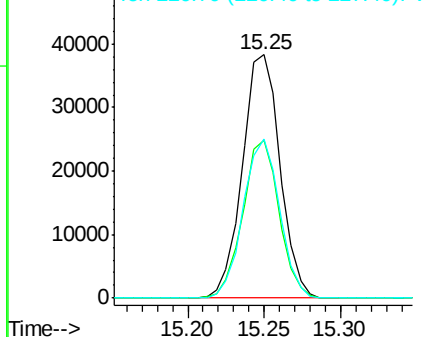
Lab File: VW003460.D

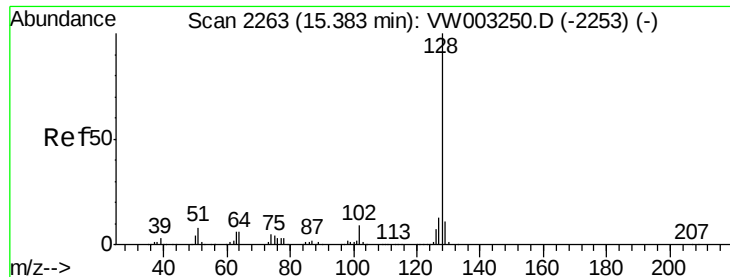
Acq: 23 Jun 2018 15:11

Tgt Ion:	225	Resp:	65500
Ion Ratio	Lower	Upper	
225	100		
223	62.8	30.6	92.0
227	63.3	31.7	95.1



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 43.66 ug/l

RT: 15.38 min Scan# 2263

Delta R.T. 0.00 min

Lab File: VW003460.D

Acq: 23 Jun 2018 15:11

Instrument :

MSVOA_W

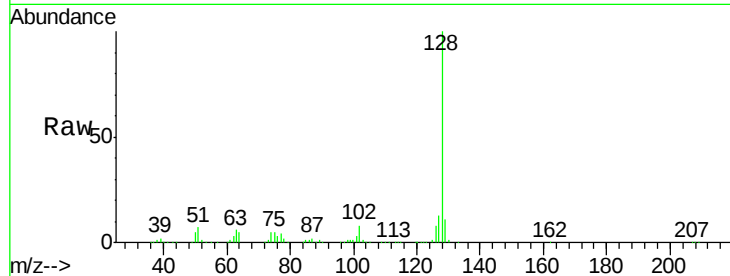
ClientSampleId :

WP021SB482-15-17-180619MSD

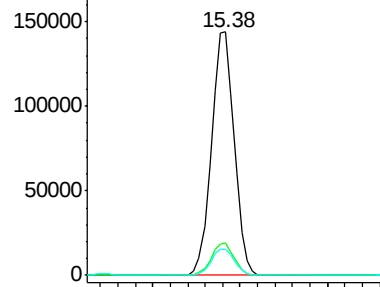
Tot Ion:	128	Resp:	259848
Ion Ratio		Lower	Upper
128	100		
127	13.2	10.5	15.7
129	11.0	8.9	13.3

Manual Integrations
APPROVED

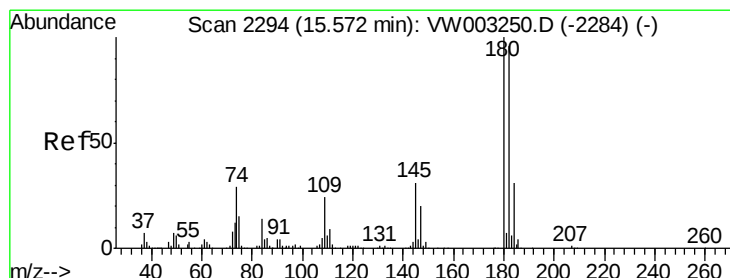
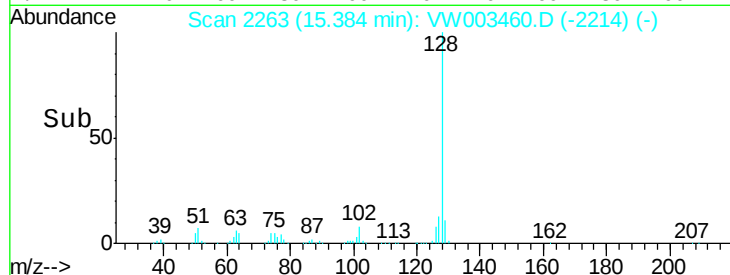
apatel
6/25/2018 7:12:35 PM



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 34.52 ug/l

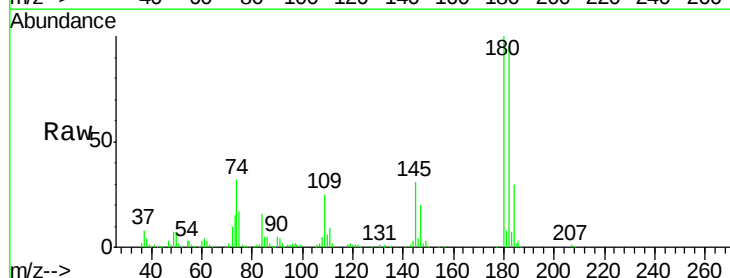
RT: 15.57 min Scan# 2293

Delta R.T. -0.01 min

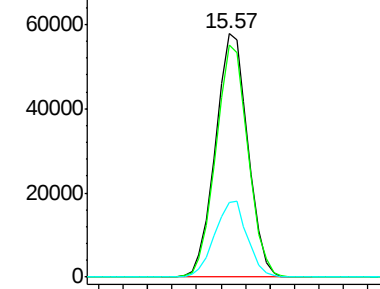
Lab File: VW003460.D

Acq: 23 Jun 2018 15:11

Tgt Ion:	180	Resp:	106613
Ion Ratio		Lower	Upper
180	100		
182	94.6	47.9	143.6
145	31.3	15.8	47.4



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V



Time-->

