

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062318\
 Data File : VW003483.D
 Acq On : 24 Jun 2018 02:47
 Operator : SY/AP
 Sample : J3670-03MSD
 Misc : 5.80G/5ML/MSVOA W/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB487-13-15-180621MSD

Manual Integrations
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 6/26/2018 11:11:17 AM

Quant Time: Jun 25 04:37:33 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	180834	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	290868	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	272939	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	143119	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	121968	62.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	124.54%	
35) Dibromofluoromethane	7.88	113	97774	54.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.20%	
50) Toluene-d8	10.33	98	382507	53.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.74%	
62) 4-Bromofluorobenzene	12.62	95	139534	55.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	39353	71.98	ug/l	87
3) Chloromethane	2.21	50	68466	49.57	ug/l	92
4) Vinyl Chloride	2.36	62	106298	52.79	ug/l	97
5) Bromomethane	2.78	94	60962	45.55	ug/l	100
6) Chloroethane	2.92	64	63930	45.61	ug/l	99
7) Trichlorofluoromethane	3.25	101	64188	53.21	ug/l	97
8) Diethyl Ether	3.68	74	53913	60.84	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	89219	53.26	ug/l	99
10) Methyl Iodide	4.26	142	129832	51.25	ug/l	100
11) Tert butyl alcohol	5.23	59	48528	461.96	ug/l #	95
12) 1,1-Dichloroethene	4.03	96	85612	52.30	ug/l	96
13) Acrolein	3.89	56	25974	172.94	ug/l	93
14) Allyl chloride	4.67	41	157399	55.51	ug/l	96
15) Acrylonitrile	5.38	53	153590	421.25	ug/l	100
16) Acetone	4.14	43	190864	464.62	ug/l	98
17) Carbon Disulfide	4.37	76	247509	51.14	ug/l	98
18) Methyl Acetate	4.68	43	190652	195.63	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	205798	67.12	ug/l	100
20) Methylene Chloride	4.91	84	103100	59.80	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	98876	55.50	ug/l	98
22) Diisopropyl ether	6.31	45	319147	55.92	ug/l	99
23) Vinyl Acetate	6.26	43	503936m	153.24	ug/l	
24) 1,1-Dichloroethane	6.21	63	184909	54.58	ug/l	98
25) 2-Butanone	7.18	43	228868	448.04	ug/l	100
26) 2,2-Dichloropropane	7.17	77	109797	48.56	ug/l	90
27) cis-1,2-Dichloroethene	7.17	96	228092	116.55	ug/l	97
28) Bromochloromethane	7.51	49	91750	65.08	ug/l	97
29) Tetrahydrofuran	7.54	42	139757	447.66	ug/l	99
30) Chloroform	7.68	83	188375	54.58	ug/l	99
31) Cyclohexane	7.96	56	163729	51.73	ug/l	99
32) 1,1,1-Trichloroethane	7.88	97	152316	53.46	ug/l	100
36) 1,1-Dichloropropene	8.09	75	147187	52.40	ug/l	100
37) Ethyl Acetate	7.26	43	72627	62.41	ug/l	99
38) Carbon Tetrachloride	8.07	117	143191	51.97	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	171972	52.91	ug/l	96
40) Benzene	8.33	78	412652	53.29	ug/l	99
41) Methacrylonitrile	7.49	41	57954	81.16	ug/l	98
42) 1,2-Dichloroethane	8.40	62	143143	59.01	ug/l	99
43) Isopropyl Acetate	8.43	43	153848	66.58	ug/l	99
44) Trichloroethene	9.10	130	108683	52.97	ug/l	98
45) 1,2-Dichloropropane	9.37	63	107817	54.69	ug/l	99
46) Dibromomethane	9.46	93	62777	62.20	ug/l	98
47) Bromodichloromethane	9.65	83	142096	54.92	ug/l	99
48) Methyl methacrylate	9.44	41	86766	79.90	ug/l	97
49) 1,4-Dioxane	9.48	88	25880	1698.17	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	489156	415.44	ug/l	99
52) Toluene	10.39	92	261915	52.75	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	154927	58.62	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	164472	54.68	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	89900	63.21	ug/l	97
56) Ethyl methacrylate	10.65	69	119474	69.17	ug/l	97
57) 1,3-Dichloropropane	10.94	76	156337	63.73	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	270750	349.70	ug/l	99
59) 2-Hexanone	10.98	43	363888	442.40	ug/l	100
60) Dibromochloromethane	11.13	129	101313	59.90	ug/l	99
61) 1,2-Dibromoethane	11.24	107	88607	65.86	ug/l	100
64) Tetrachloroethene	10.87	164	128185	70.22	ug/l	99
65) Chlorobenzene	11.66	112	1712780	301.35	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	103823	51.98	ug/l	99
67) Ethyl Benzene	11.74	91	516119	51.23	ug/l	99
68) m/p-Xylenes	11.85	106	387336	101.13	ug/l	100
69) o-Xylene	12.17	106	184147	51.88	ug/l	100
70) Styrene	12.19	104	310243	52.51	ug/l	100
71) Bromoform	12.35	173	65529	63.30	ug/l #	99
73) Isopropylbenzene	12.47	105	510961	51.33	ug/l	99
74) N-amyl acetate	12.28	43	112155	49.50	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	119333	70.86	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	83633m	68.36	ug/l	
77) Bromobenzene	12.76	156	122370	52.78	ug/l	93
78) n-propylbenzene	12.81	91	622893	51.10	ug/l	100
79) 2-Chlorotoluene	12.90	91	353689	51.35	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	427785	51.20	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	36887	69.37	ug/l	99
82) 4-Chlorotoluene	12.99	91	366491	50.15	ug/l	99
83) tert-Butylbenzene	13.21	119	382384	53.70	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	435798	50.70	ug/l	99
85) sec-Butylbenzene	13.39	105	536971	50.73	ug/l	99
86) p-Isopropyltoluene	13.51	119	465591	49.87	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	250303	52.56	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	263307	55.61	ug/l	99
89) n-Butylbenzene	13.83	91	441794	48.55	ug/l	100
90) Hexachloroethane	14.10	117	83060	49.18	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	280450	67.23	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	22767	80.33	ug/l	98

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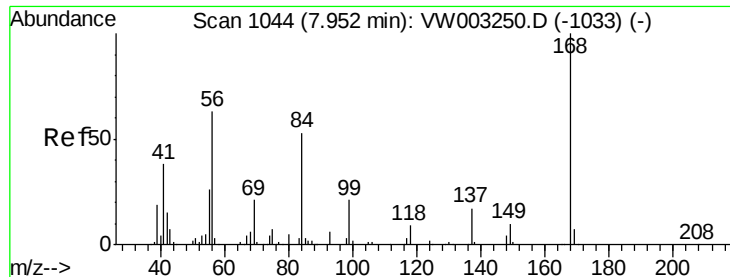
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	148486	50.70	ug/l	99
94) Hexachlorobutadiene	15.25	225	75611	42.92	ug/l	100
95) Naphthalene	15.38	128	359114	72.29	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	138726	53.81	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003483.D

Acq: 24 Jun 2018 02:47

Instrument :

MSVOA_W

ClientSampleId :

WP021SB487-13-15-180621MSD

Tot Ion:168 Resp: 180834

Ion Ratio Lower Upper

168 100

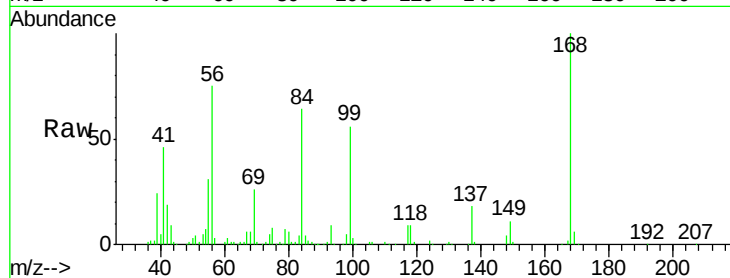
99 56.3 45.5 68.3

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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

80000

60000

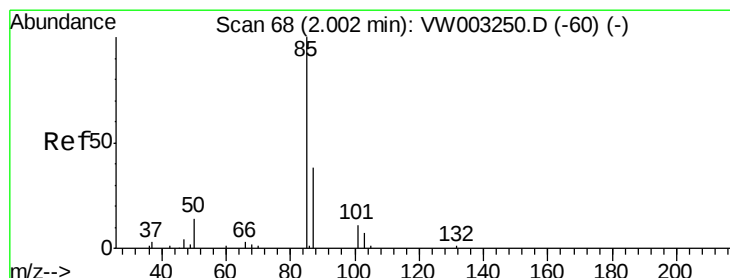
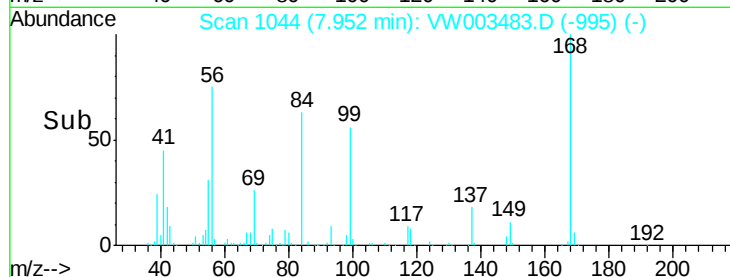
40000

20000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 71.98 ug/l

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW003483.D

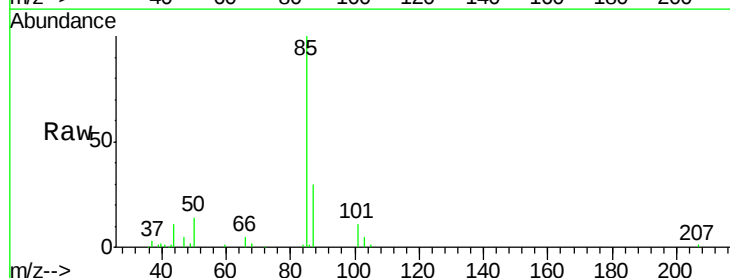
Acq: 24 Jun 2018 02:47

Tgt Ion: 85 Resp: 39353

Ion Ratio Lower Upper

85 100

87 30.0 18.9 56.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

15000

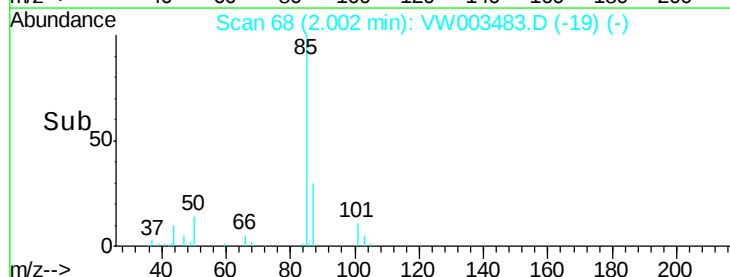
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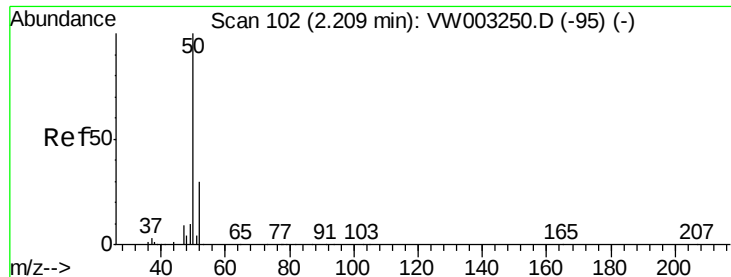
5000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 49.57 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW003483.D

Acq: 24 Jun 2018 02:47

Instrument :

MSVOA_W

ClientSampleId :

WP021SB487-13-15-180621MSD

Tot Ion: 50 Resp: 68466

Ion Ratio Lower Upper

50 100

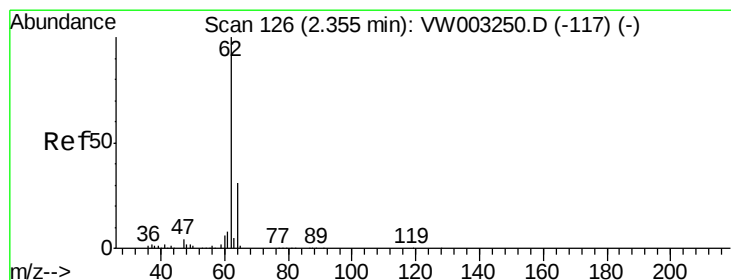
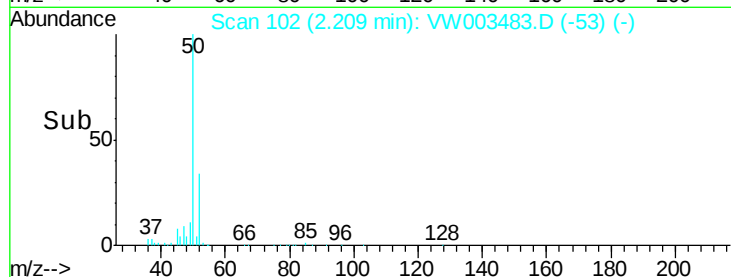
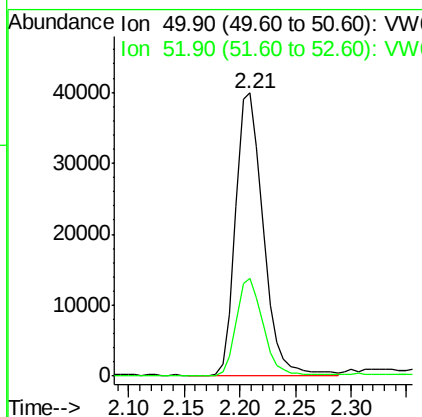
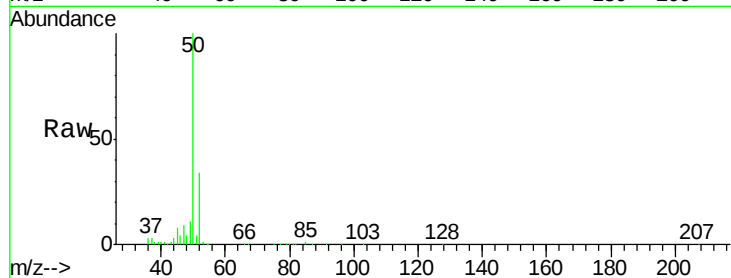
52 34.5 24.2 36.2

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#4

Vinyl Chloride

Concen: 52.79 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW003483.D

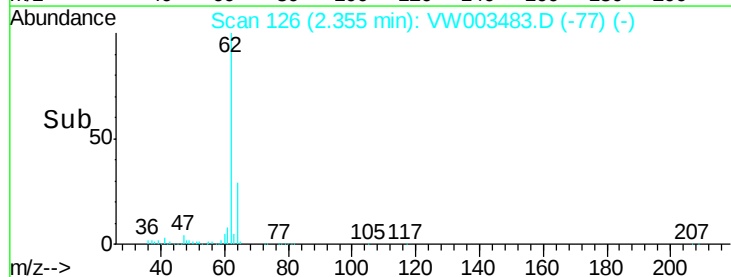
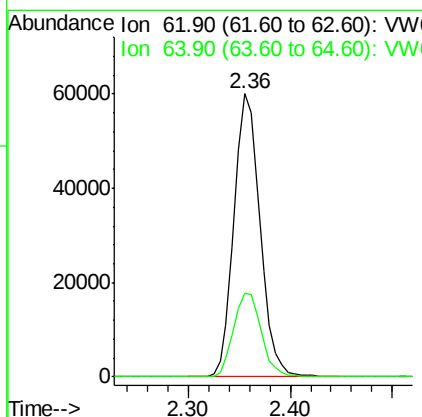
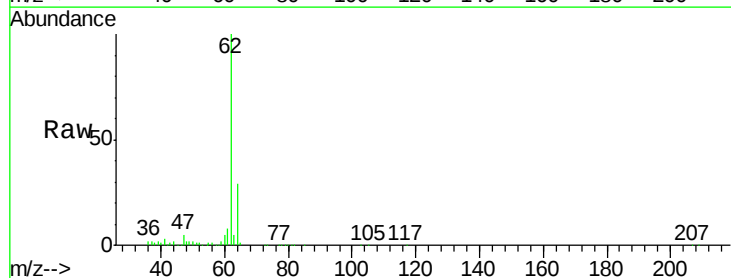
Acq: 24 Jun 2018 02:47

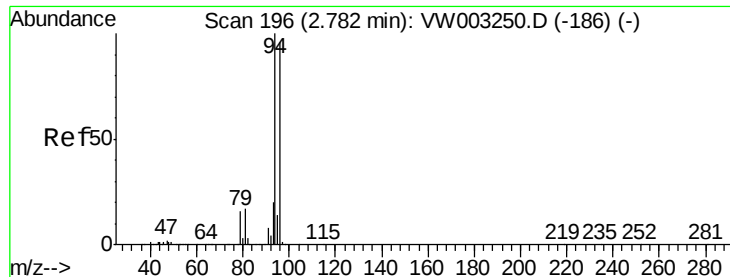
Tgt Ion: 62 Resp: 106298

Ion Ratio Lower Upper

62 100

64 29.4 24.9 37.3





#5

Bromomethane

Concen: 45.55 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.00 min

Lab File: VW003483.D

Acq: 24 Jun 2018 02:47

Instrument :

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Tot Ion: 94 Resp: 60962

Ion Ratio Lower Upper

94 100

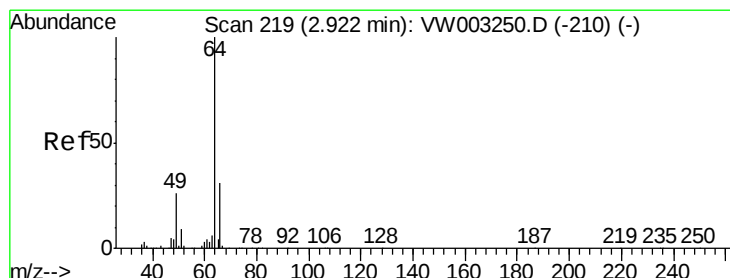
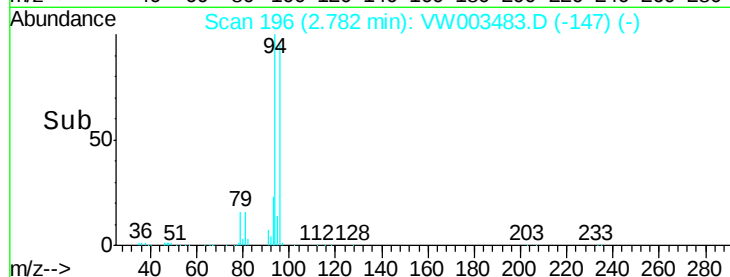
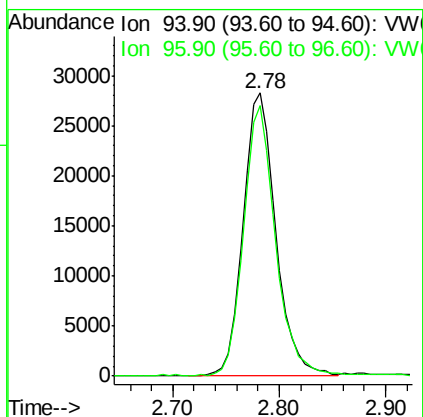
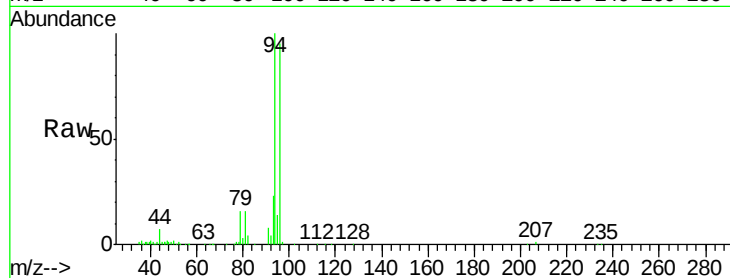
96 95.2 76.5 114.7

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#6

Chloroethane

Concen: 45.61 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.00 min

Lab File: VW003483.D

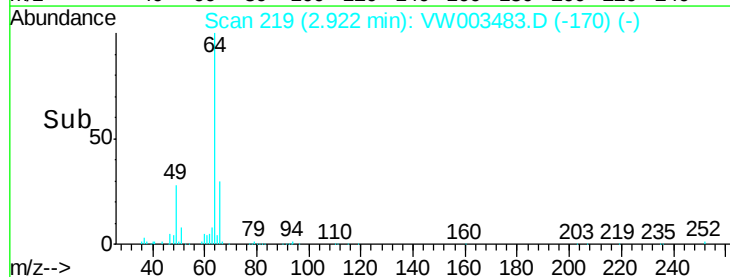
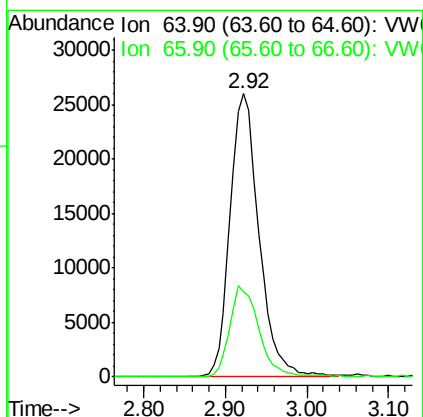
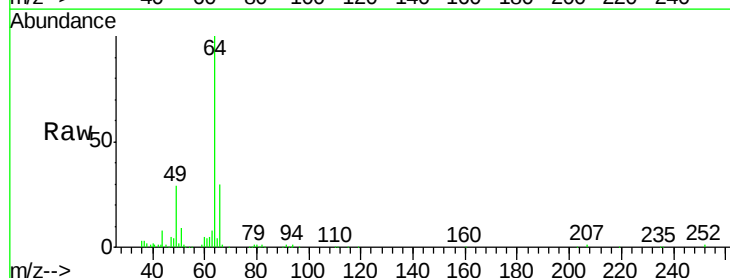
Acq: 24 Jun 2018 02:47

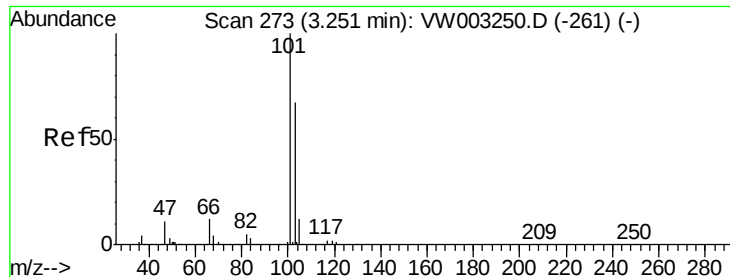
Tgt Ion: 64 Resp: 63930

Ion Ratio Lower Upper

64 100

66 29.8 24.4 36.6





#7

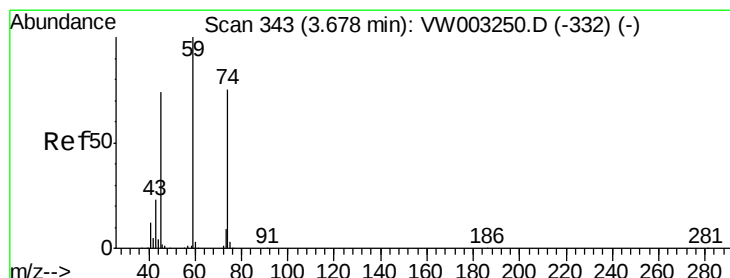
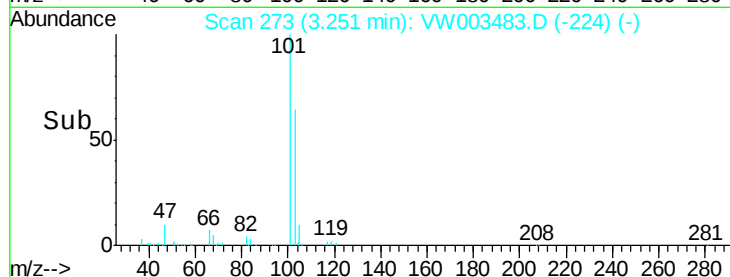
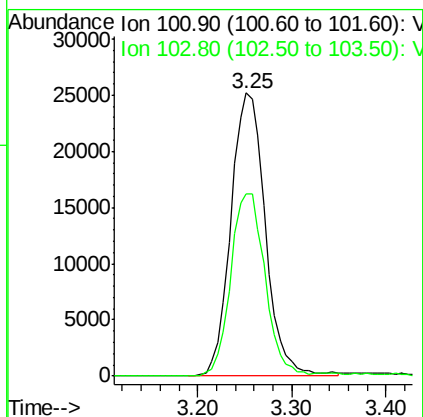
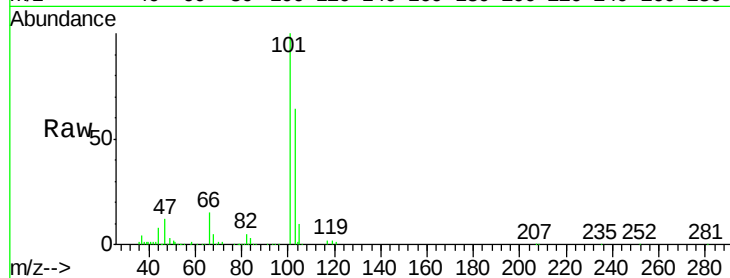
Trichlorofluoromethane
Concen: 53.21 ug/l
RT: 3.25 min Scan# 273
Delta R.T. 0.00 min
Lab File: VW003483.D
Acq: 24 Jun 2018 02:47

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WP021SB487-13-15-180621MSD

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.4	53.4	80.0

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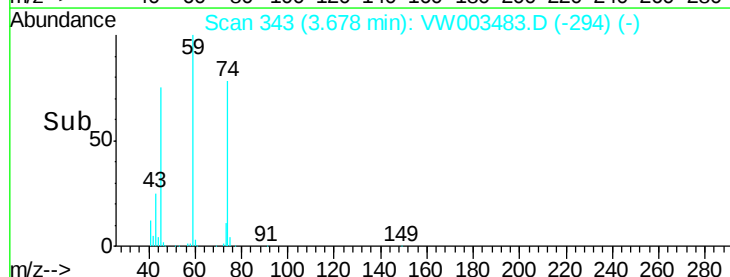
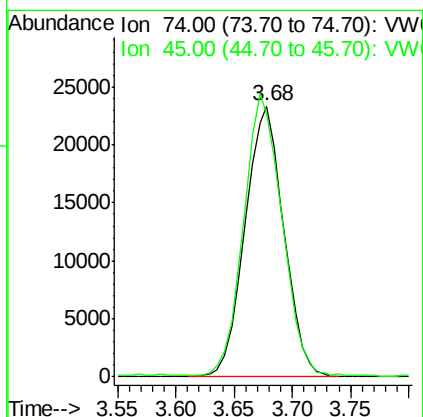
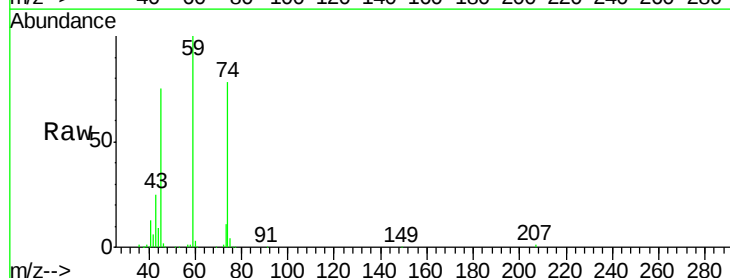
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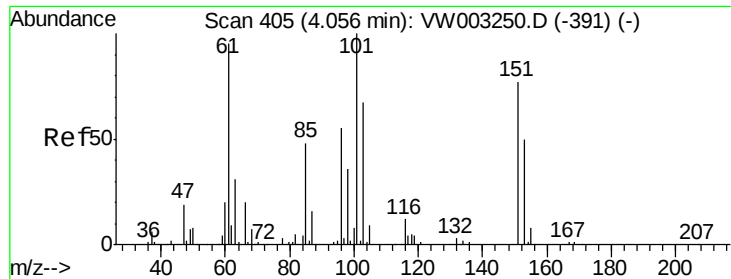


#8

Diethyl Ether
Concen: 60.84 ug/l
RT: 3.68 min Scan# 343
Delta R.T. 0.00 min
Lab File: VW003483.D
Acq: 24 Jun 2018 02:47

Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.4	51.4	154.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.26 ug/l

RT: 4.06 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW003483.D

Acq: 24 Jun 2018 02:47

Instrument :

MSVOA_W

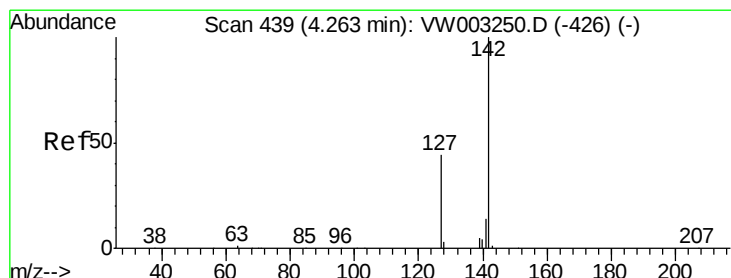
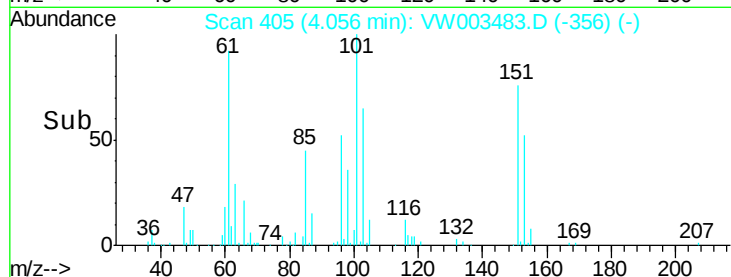
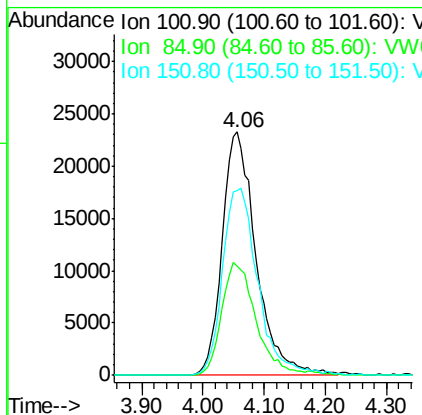
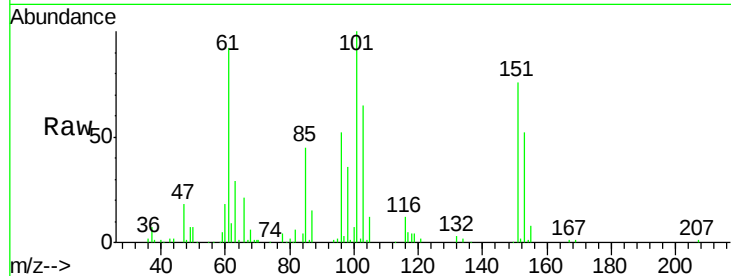
ClientSampleId :

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Tot Ion:	101	Resp:	89219
Ion Ratio	Lower	Upper	
101	100		
85	46.6	37.0	55.6
151	79.7	63.3	94.9

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#10

Methyl Iodide

Concen: 51.25 ug/l

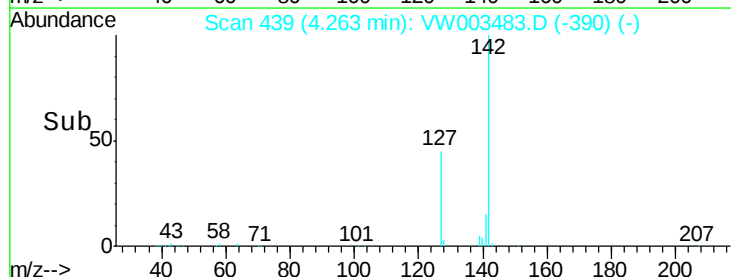
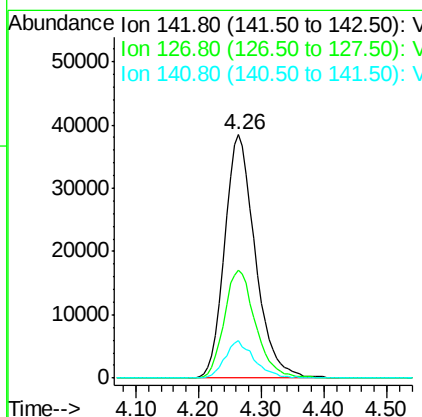
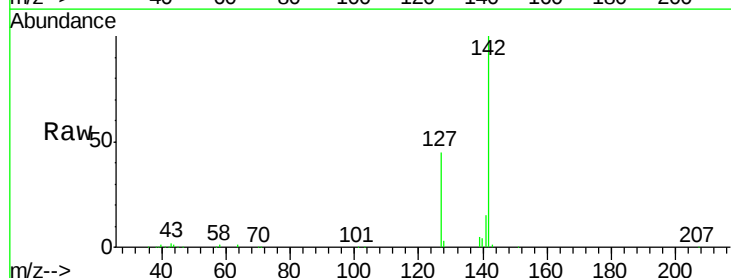
RT: 4.26 min Scan# 439

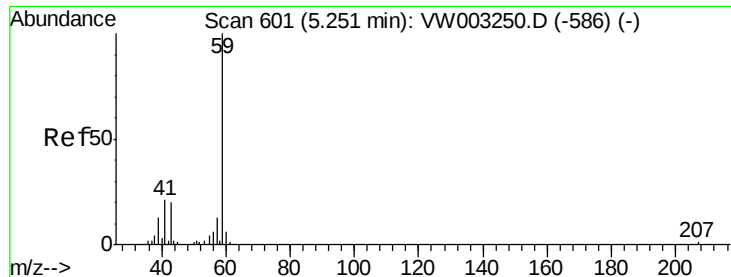
Delta R.T. 0.00 min

Lab File: VW003483.D

Acq: 24 Jun 2018 02:47

Tgt Ion:	142	Resp:	129832
Ion Ratio	Lower	Upper	
142	100		
127	45.4	36.5	54.7
141	14.8	12.1	18.1





#11

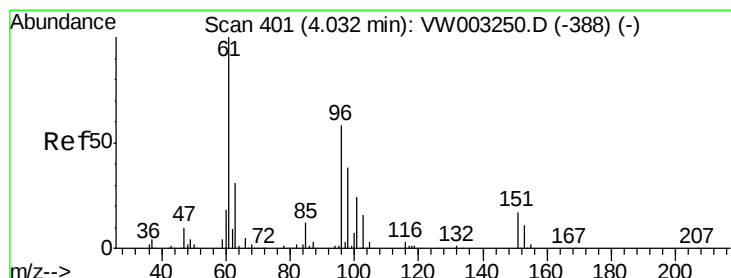
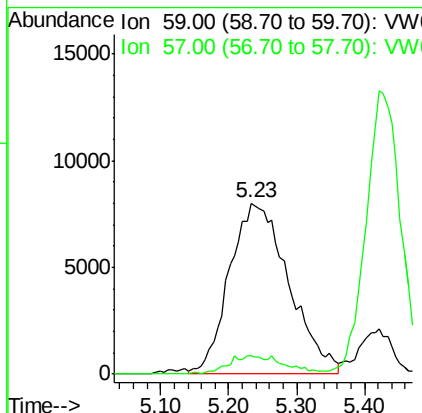
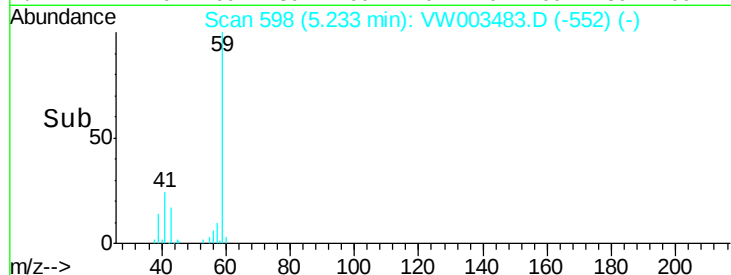
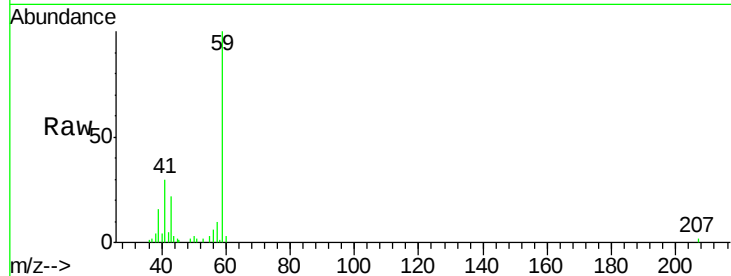
Tert butyl alcohol
Concen: 461.96 ug/l
RT: 5.23 min Scan# 598
Delta R.T. -0.02 min
Lab File: VW003483.D
Acq: 24 Jun 2018 02:47

Instrument :
MSVOA_W
ClientSampleId :
WP021SB487-13-15-180621MSD

Tot Ion	Ratio	Lower	Upper
59	100		
57	6.7	4.2	6.2#

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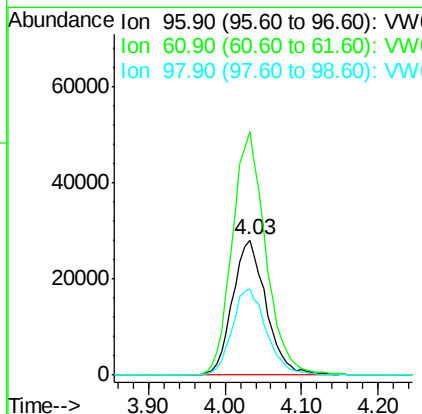
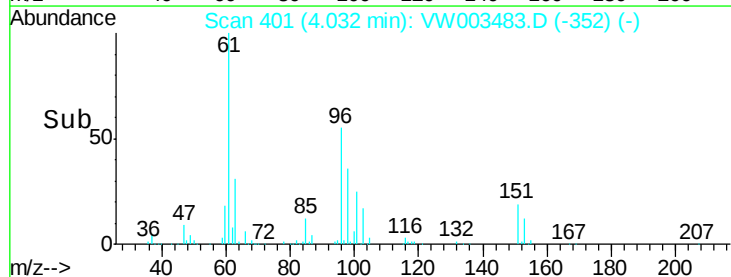
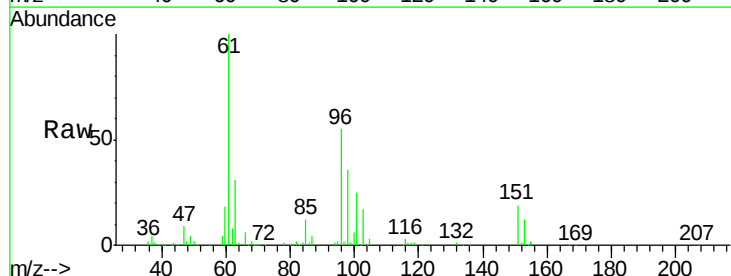
apatel
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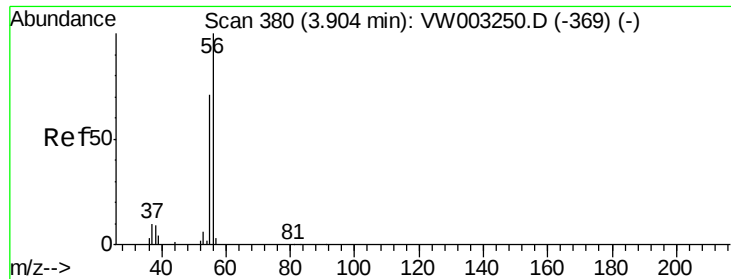


#12

1,1-Dichloroethene
Concen: 52.30 ug/l
RT: 4.03 min Scan# 401
Delta R.T. 0.00 min
Lab File: VW003483.D
Acq: 24 Jun 2018 02:47

Tgt Ion	Ratio	Lower	Upper
96	100		
61	180.5	139.0	208.4
98	64.1	53.3	79.9





#13

Acrolein

Concen: 172.94 ug/l

RT: 3.89 min Scan# 378

Delta R.T. -0.01 min

Lab File: VW003483.D

Acq: 24 Jun 2018 02:47

Instrument :

MSVOA_W

ClientSampleId :

WP021SB487-13-15-180621MSD

Tot Ion: 56 Resp: 25974

Ion Ratio Lower Upper

56 100

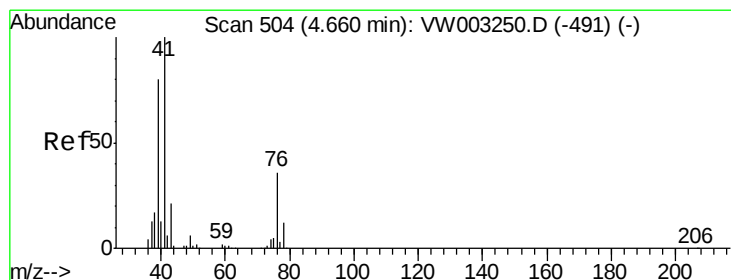
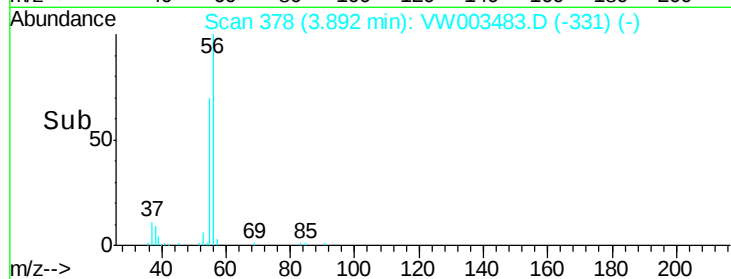
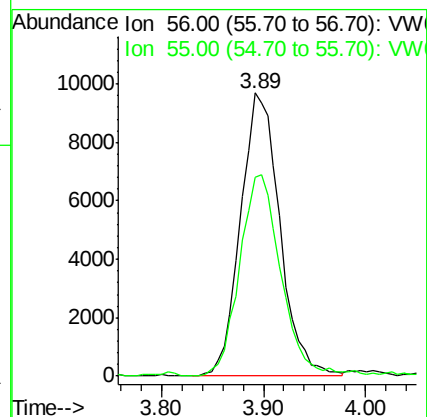
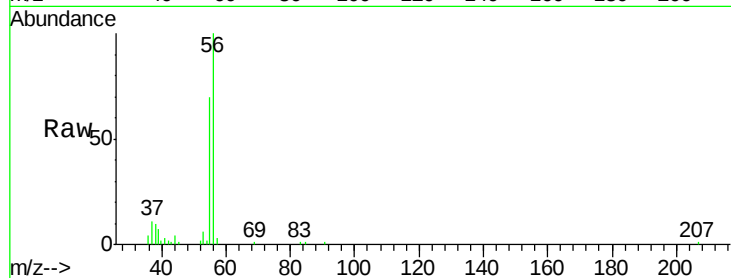
55 75.1 55.4 83.2

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#14

Allyl chloride

Concen: 55.51 ug/l

RT: 4.67 min Scan# 505

Delta R.T. 0.01 min

Lab File: VW003483.D

Acq: 24 Jun 2018 02:47

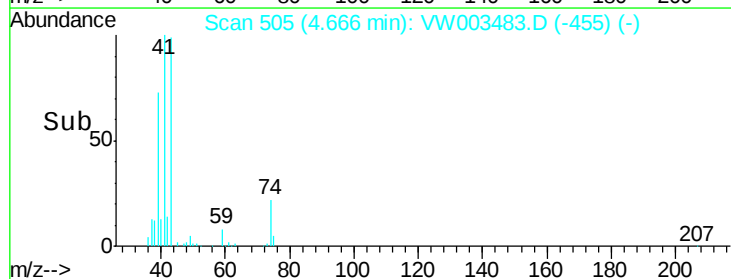
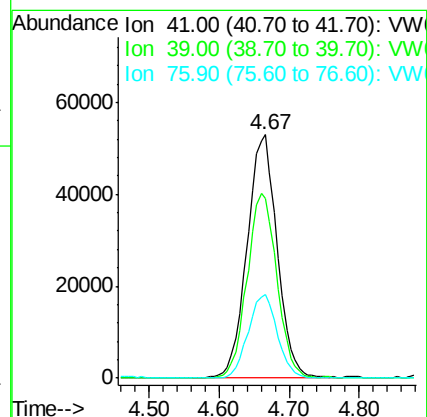
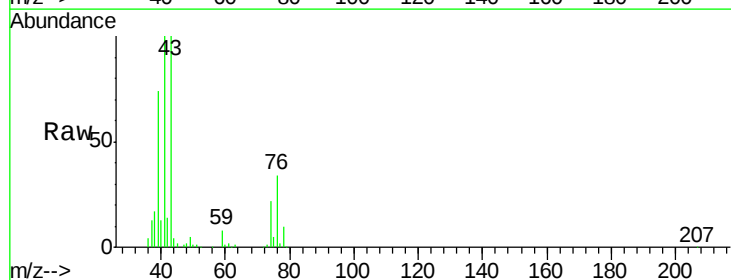
Tgt Ion: 41 Resp: 157399

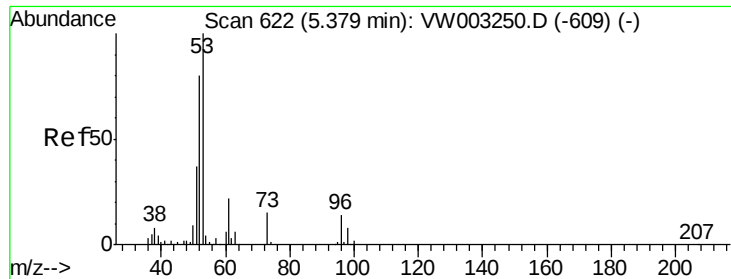
Ion Ratio Lower Upper

41 100

39 75.3 63.2 94.8

76 33.2 28.0 42.0





#15

Acrylonitrile

Concen: 421.25 ug/l

RT: 5.38 min Scan# 622

Delta R.T. 0.00 min

Lab File: VW003483.D

Acq: 24 Jun 2018 02:47

Instrument :

MSVOA_W

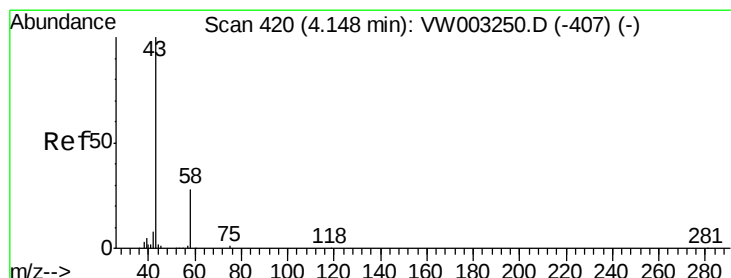
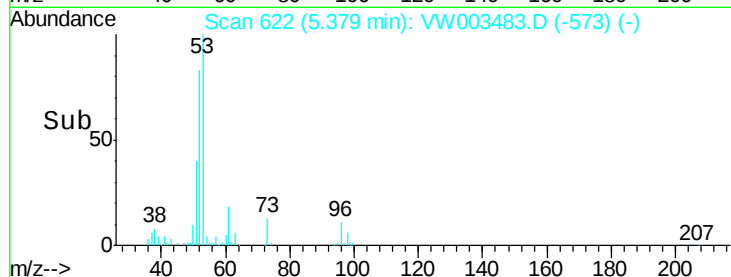
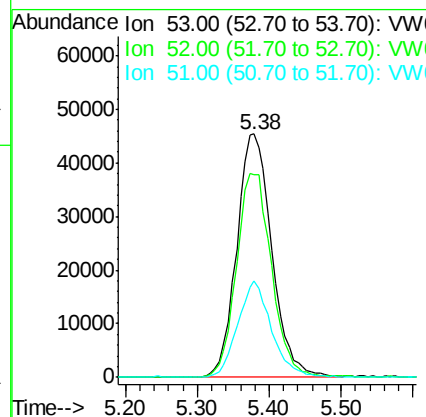
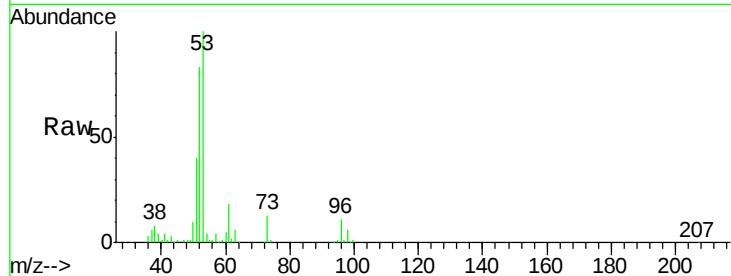
ClientSampleId :

WP021SB487-13-15-180621MSD

Tot Ion:	53	Resp:	153590
Ion Ratio	Lower	Upper	
53	100		
52	83.8	66.6	100.0
51	38.1	30.6	46.0

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#16

Acetone

Concen: 464.62 ug/l

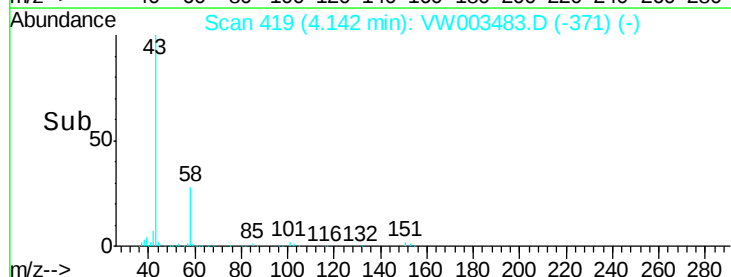
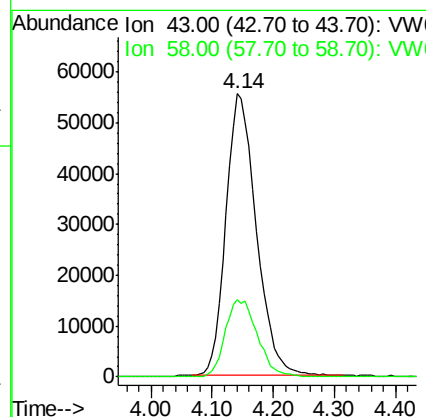
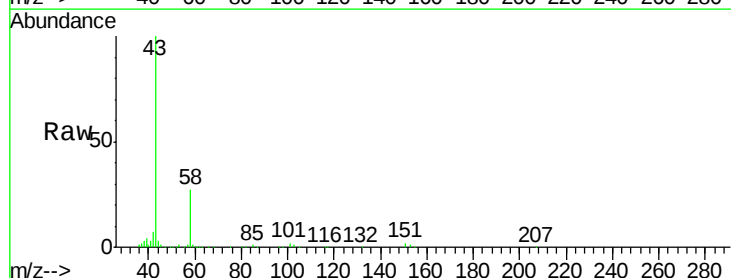
RT: 4.14 min Scan# 419

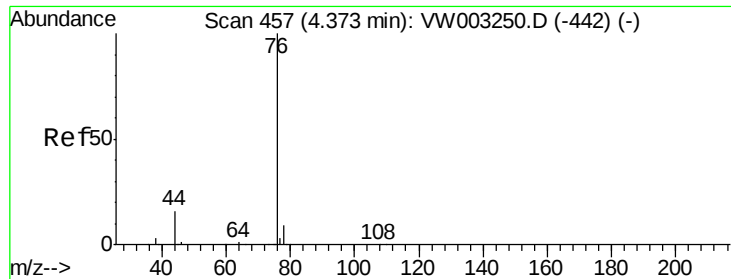
Delta R.T. -0.01 min

Lab File: VW003483.D

Acq: 24 Jun 2018 02:47

Tgt Ion:	43	Resp:	190864
Ion Ratio	Lower	Upper	
43	100		
58	27.5	22.6	34.0





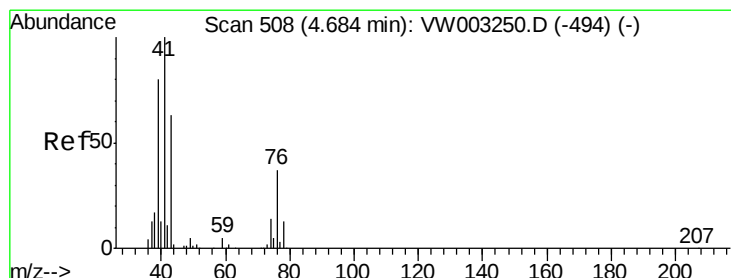
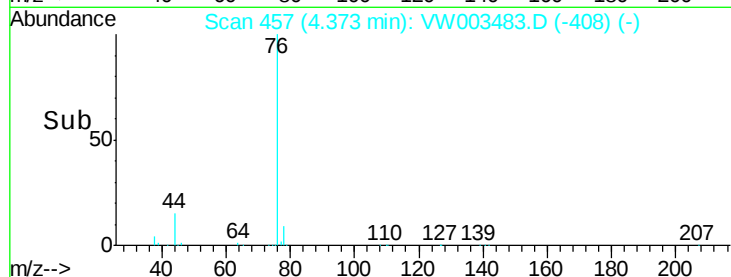
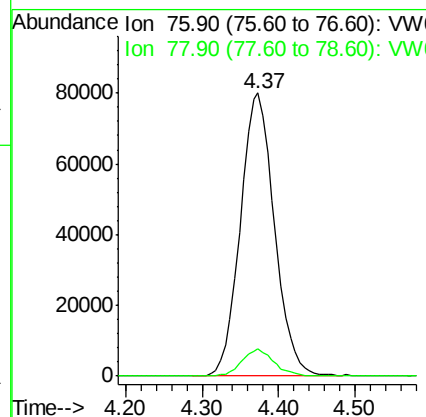
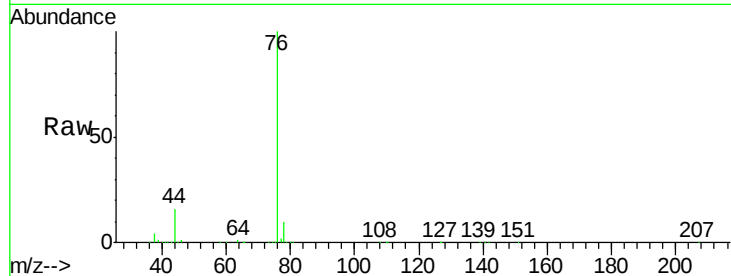
#17
Carbon Disulfide
Concen: 51.14 ug/l
RT: 4.37 min Scan# 457
Delta R.T. 0.00 min
Lab File: VW003483.D
Acq: 24 Jun 2018 02:47

Instrument :
MSVOA_W
ClientSampleId :
WP021SB487-13-15-180621MSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.1	10.7

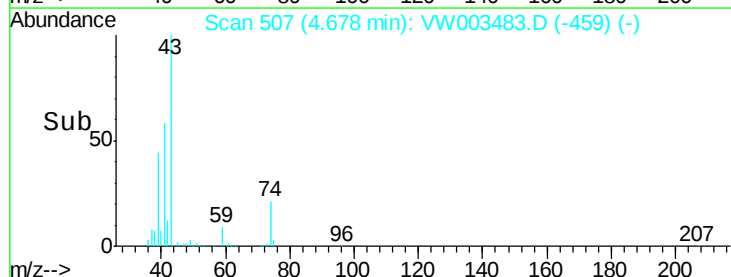
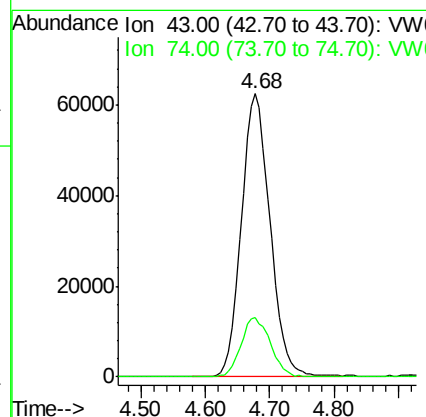
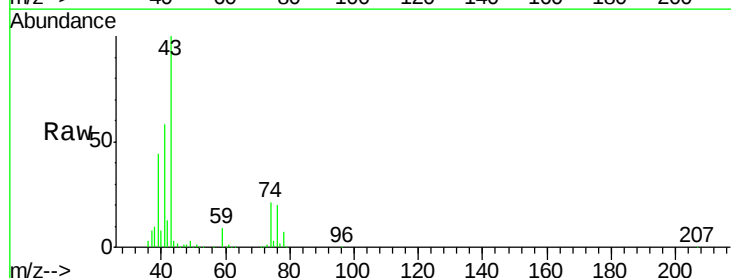
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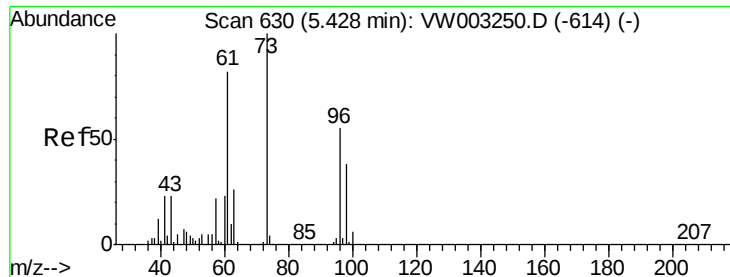
apatel
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#18
Methyl Acetate
Concen: 195.63 ug/l
RT: 4.68 min Scan# 507
Delta R.T. -0.01 min
Lab File: VW003483.D
Acq: 24 Jun 2018 02:47

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.6	18.7	28.1





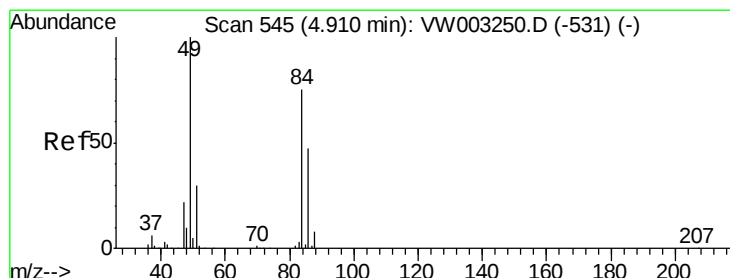
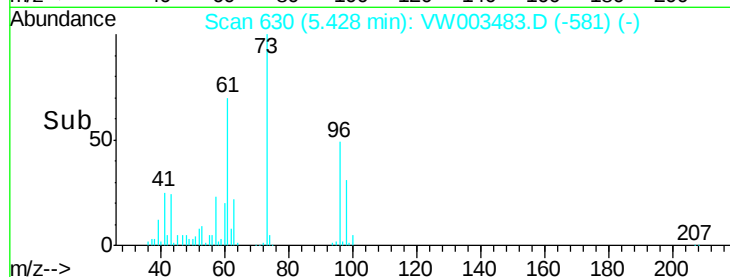
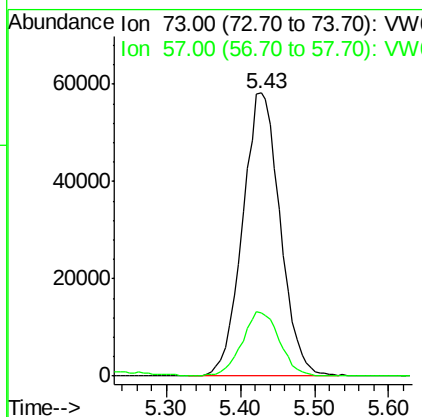
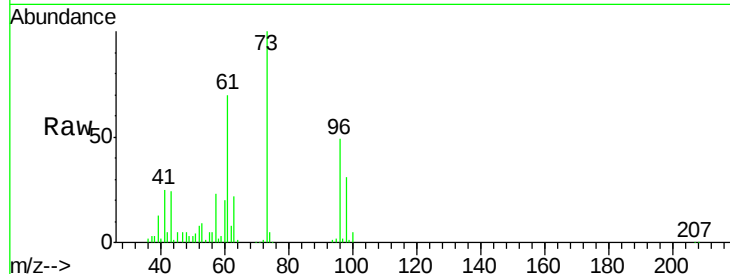
#19
Methvl tert-butvl Ether
Concen: 67.12 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.00 min
Lab File: VW003483.D
Acq: 24 Jun 2018 02:47

Instrument :
MSVOA_W
ClientSampleId :
WP021SB487-13-15-180621MSD

Tot Ion: 73 Resp: 205798
Ion Ratio Lower Upper
73 100
57 22.6 18.0 27.0

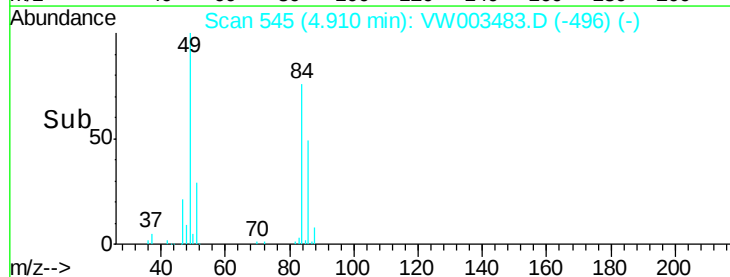
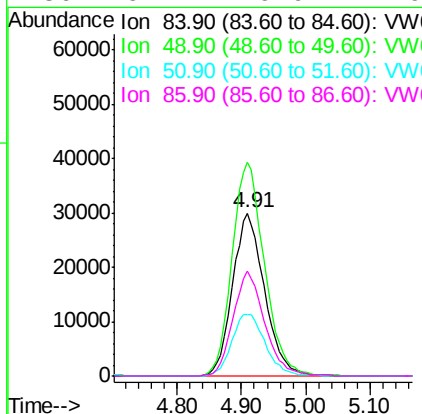
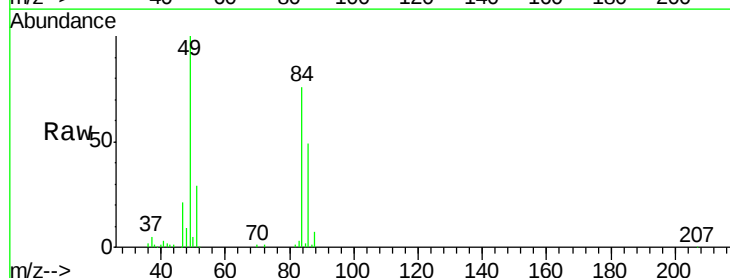
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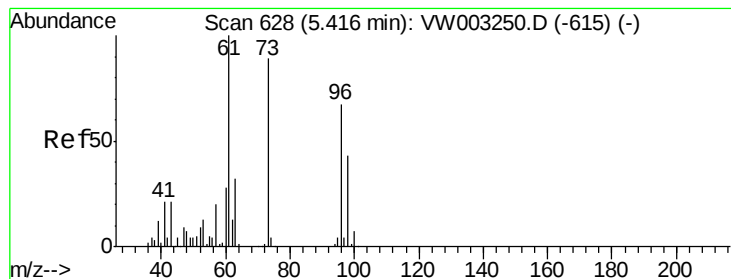
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#20
Methylene Chloride
Concen: 59.80 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003483.D
Acq: 24 Jun 2018 02:47

Tgt Ion: 84 Resp: 103100
Ion Ratio Lower Upper
84 100
49 131.3 106.3 159.5
51 37.7 32.0 48.0
86 64.2 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 55.50 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.00 min

Lab File: VW003483.D

Acq: 24 Jun 2018 02:47

Instrument :

MSVOA_W

ClientSampleId :

WP021SB487-13-15-180621MSD

Tot Ion: 96 Resp: 98876

Ion Ratio Lower Upper

96 100

61 151.2 118.7 178.1

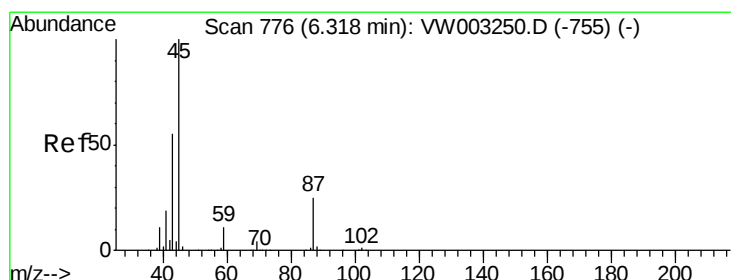
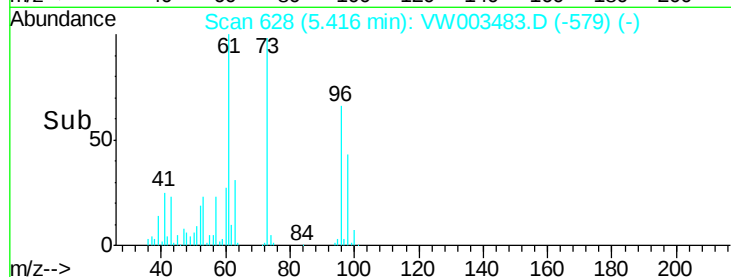
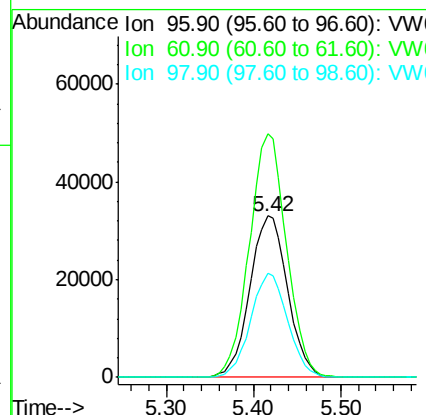
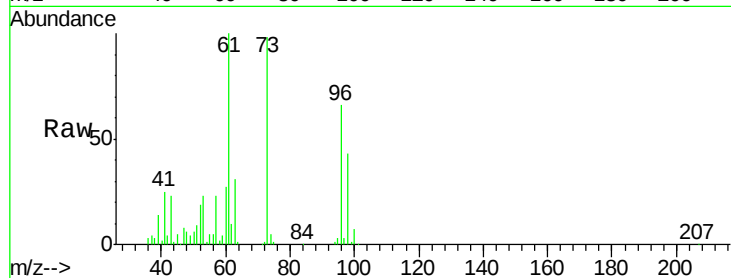
98 64.7 51.0 76.6

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#22

Diisopropyl ether

Concen: 55.92 ug/l

RT: 6.31 min Scan# 775

Delta R.T. -0.01 min

Lab File: VW003483.D

Acq: 24 Jun 2018 02:47

Tgt Ion: 45 Resp: 319147

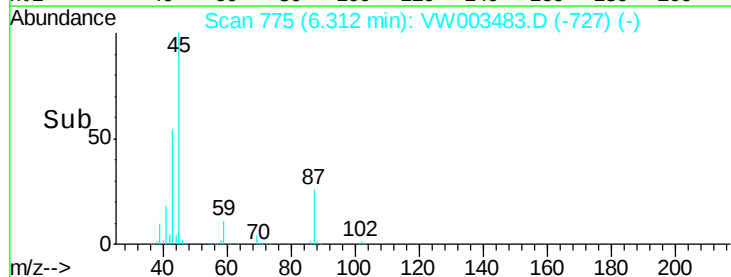
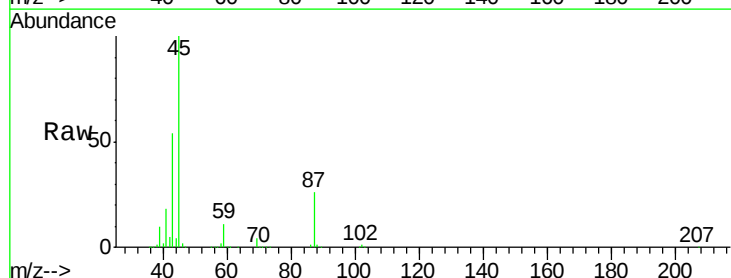
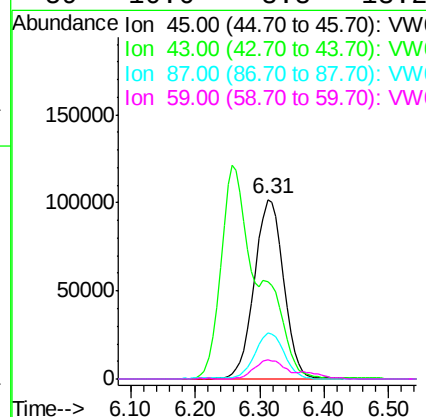
Ion Ratio Lower Upper

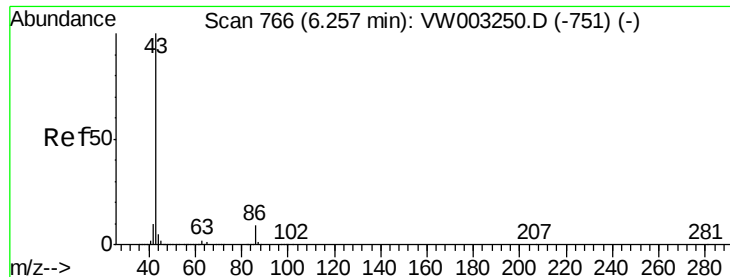
45 100

43 53.6 44.0 66.0

87 25.6 20.6 31.0

59 10.6 8.8 13.2





#23

Vinyl Acetate

Concen: 153.24 ug/l m

RT: 6.26 min Scan# 766

Delta R.T. 0.00 min

Lab File: VW003483.D

Acq: 24 Jun 2018 02:47

Tot Ion: 43 Resp: 503936

Ion Ratio Lower Upper

43 100

86 8.7 7.5 11.3

Instrument :

MSVOA_W

ClientSampleId :

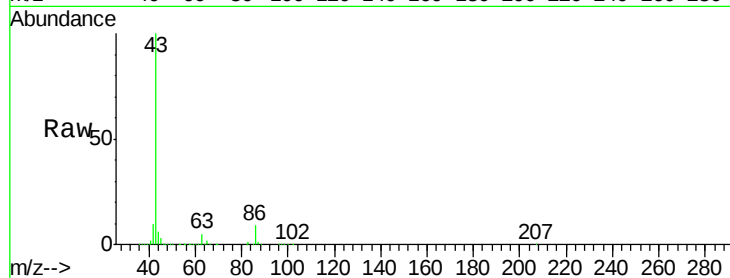
WP021SB487-13-15-180621MSD

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

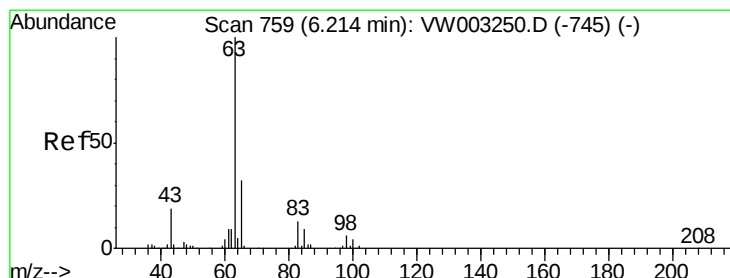
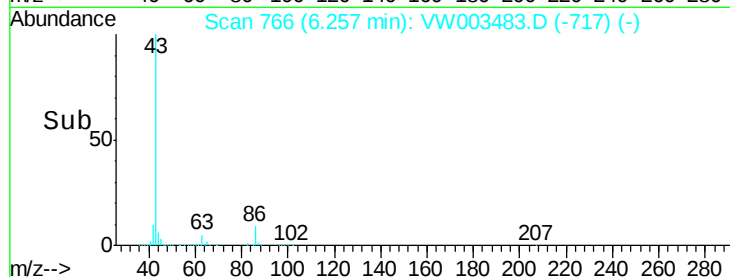
100000

50000

0

6.10 6.20 6.30 6.40 6.50

Time-->



#24

1,1-Dichloroethane

Concen: 54.58 ug/l

RT: 6.21 min Scan# 759

Delta R.T. 0.00 min

Lab File: VW003483.D

Acq: 24 Jun 2018 02:47

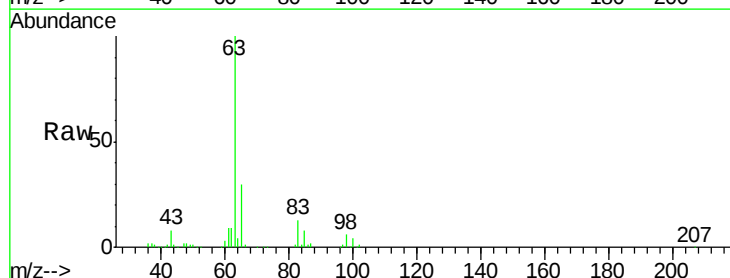
Tgt Ion: 63 Resp: 184909

Ion Ratio Lower Upper

63 100

98 6.5 2.8 8.3

100 3.8 2.1 6.5



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

6.21

80000

60000

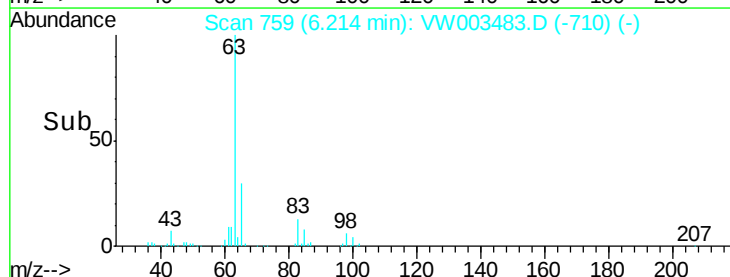
40000

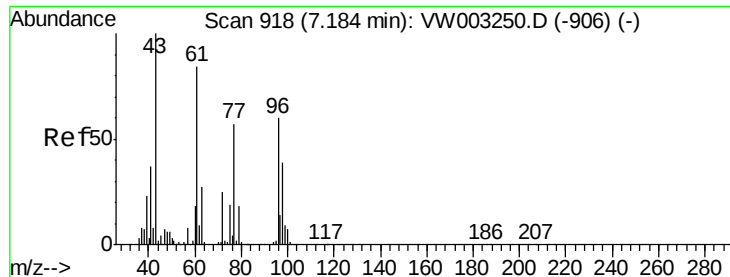
20000

0

6.10 6.20 6.30

Time-->





#25

2-Butanone

Concen: 448.04 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.00 min

Lab File: VW003483.D

Acq: 24 Jun 2018 02:47

Tot Ion: 43 Resp: 228868

Ion Ratio Lower Upper

43 100

72 25.2 20.3 30.5

Instrument :

MSVOA_W

ClientSampleId :

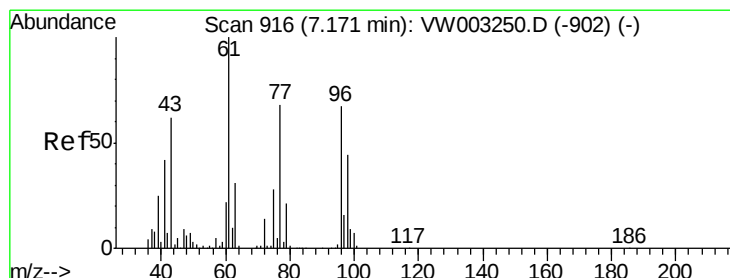
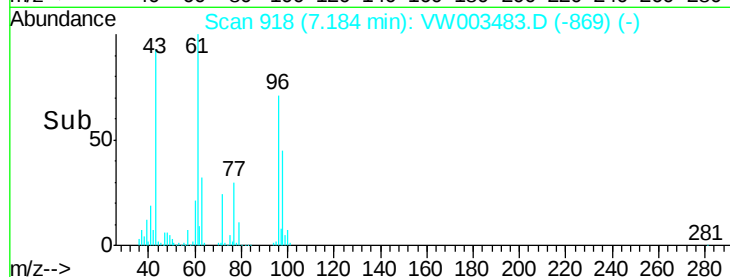
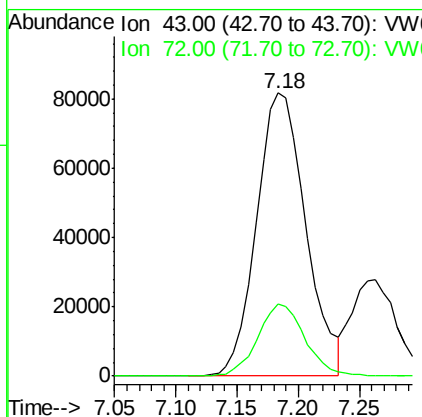
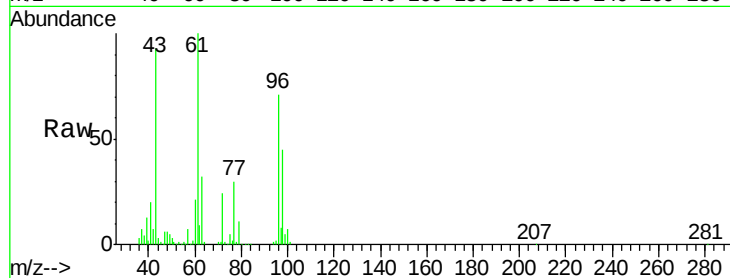
WP021SB487-13-15-180621MSD

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#26

2,2-Dichloropropane

Concen: 48.56 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.01 min

Lab File: VW003483.D

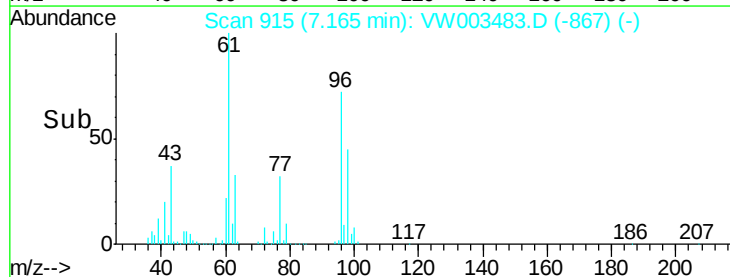
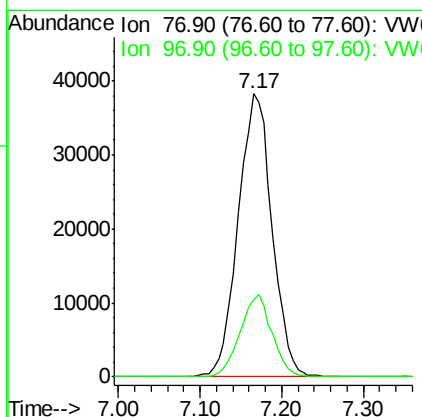
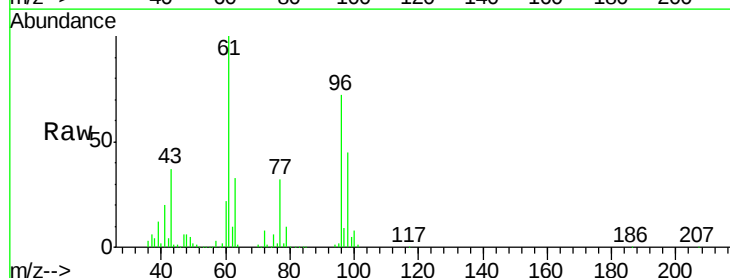
Acq: 24 Jun 2018 02:47

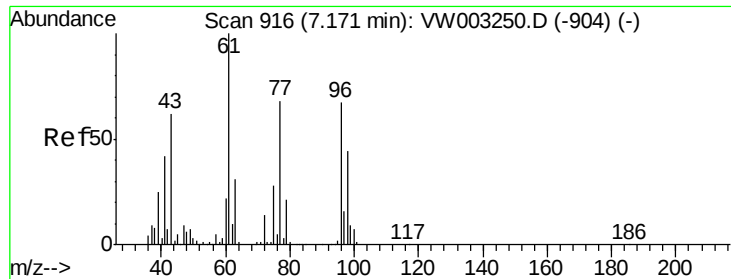
Tgt Ion: 77 Resp: 109797

Ion Ratio Lower Upper

77 100

97 27.5 11.3 33.9





#27

cis-1,2-Dichloroethene

Concen: 116.55 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.01 min

Lab File: VW003483.D

Acq: 24 Jun 2018 02:47

Instrument :

MSVOA_W

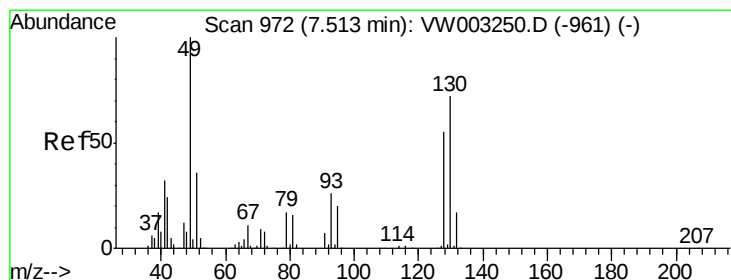
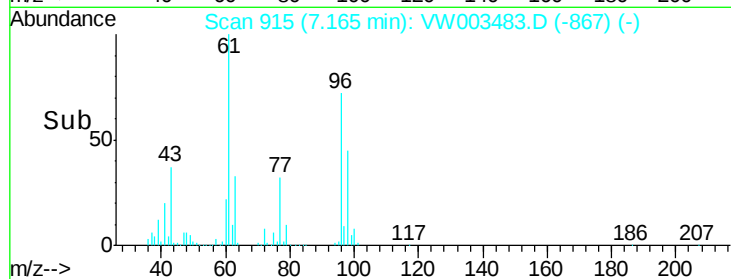
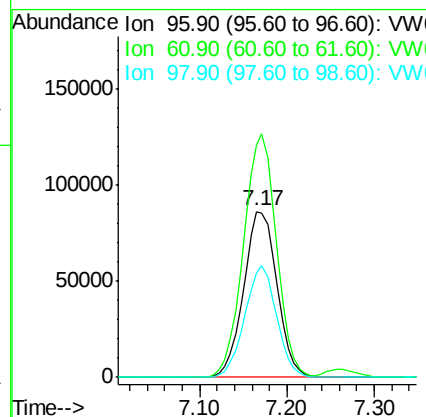
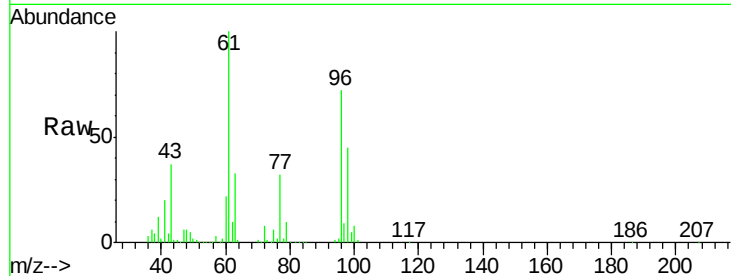
ClientSampleId :

WP021SB487-13-15-180621MSD

Tot Ion:	96	Resp:	228092
Ion Ratio	Lower	Upper	
96	100		
61	144.2	0.0	298.8
98	64.2	0.0	130.4

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#28

Bromochloromethane

Concen: 65.08 ug/l

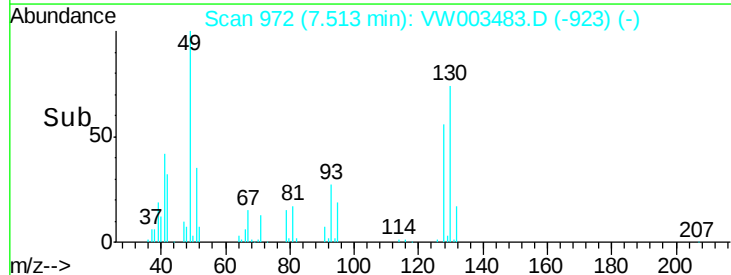
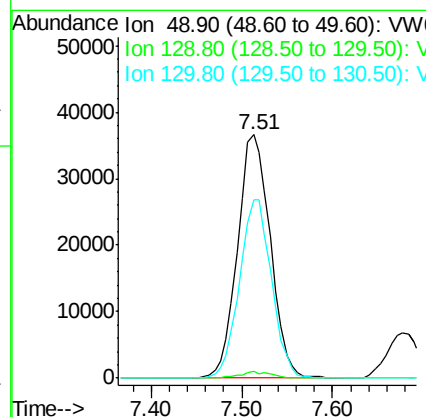
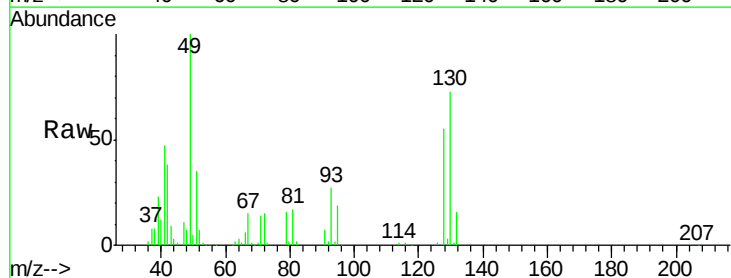
RT: 7.51 min Scan# 972

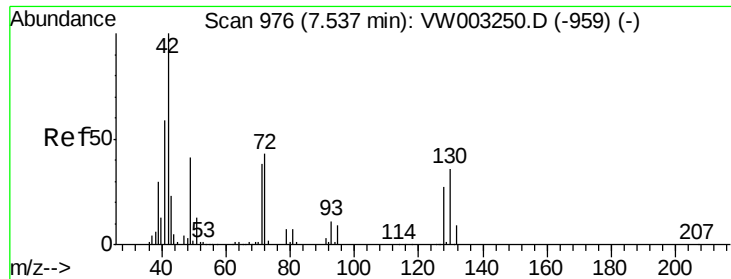
Delta R.T. 0.00 min

Lab File: VW003483.D

Acq: 24 Jun 2018 02:47

Tgt Ion:	49	Resp:	91750
Ion Ratio	Lower	Upper	
49	100		
129	2.3	0.0	4.6
130	71.7	59.4	89.2





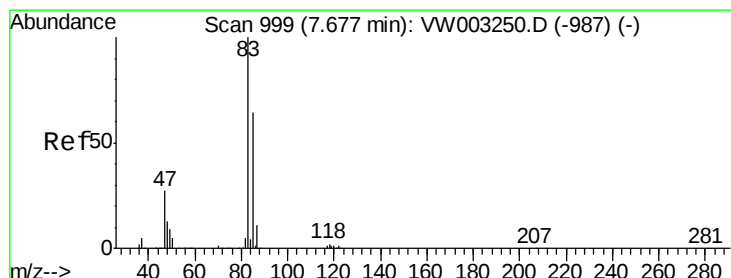
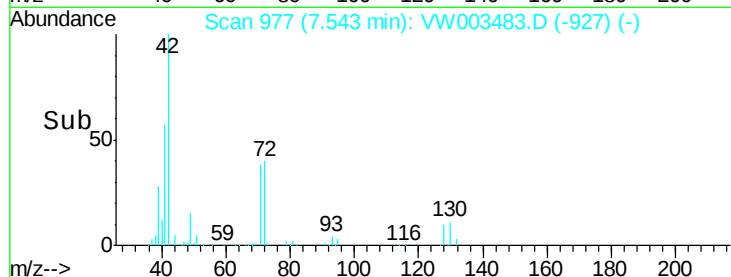
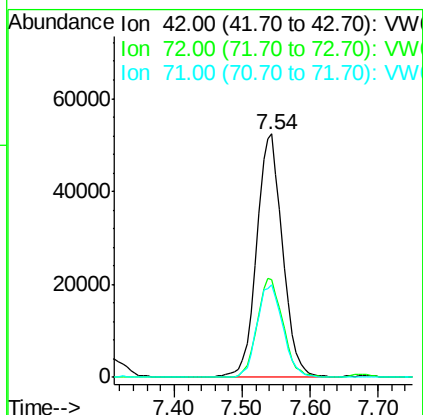
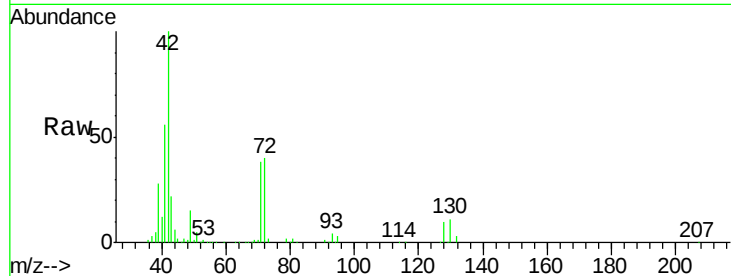
#29
Tetrahydrofuran
Concen: 447.66 ug/l
RT: 7.54 min Scan# 977
Delta R.T. 0.01 min
Lab File: VW003483.D
Acq: 24 Jun 2018 02:47

Instrument :
MSVOA_W
ClientSampleId :
WP021SB487-13-15-180621MSD

Tot Ion	Ratio	Resp	Lower	Upper
42	100	139757		
72	40.1		32.4	48.6
71	38.0		31.2	46.8

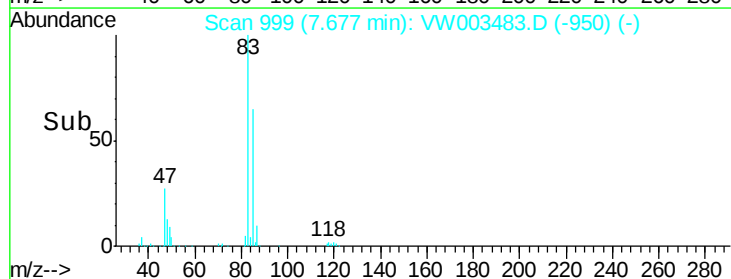
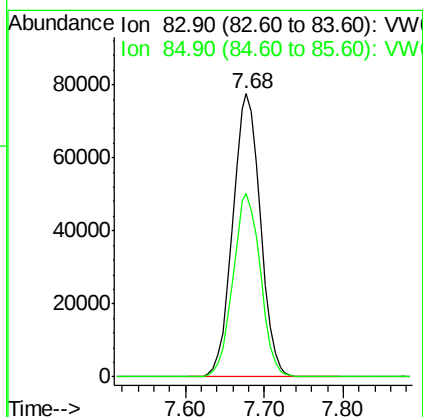
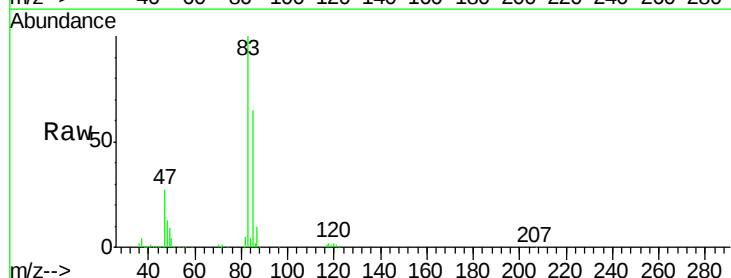
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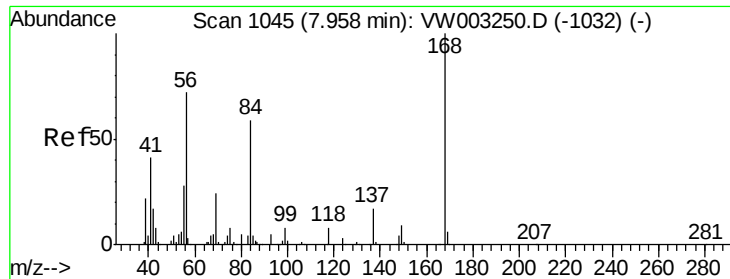
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#30
Chloroform
Concen: 54.58 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW003483.D
Acq: 24 Jun 2018 02:47

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	188375		
85	65.0		51.3	76.9





#31

Cyclohexane

Concen: 51.73 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. 0.00 min

Lab File: VW003483.D

Acq: 24 Jun 2018 02:47

Instrument :

MSVOA_W

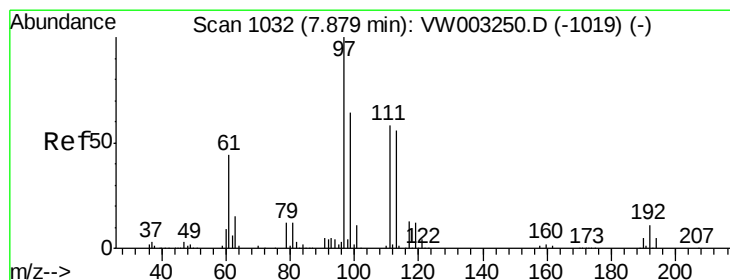
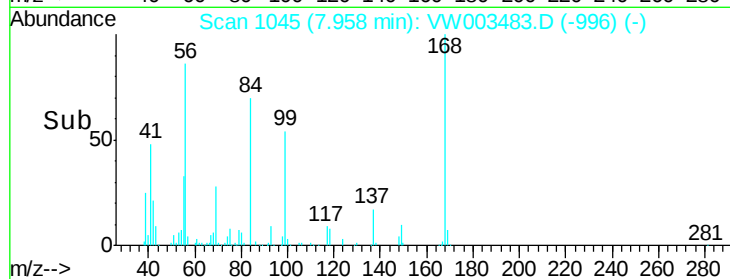
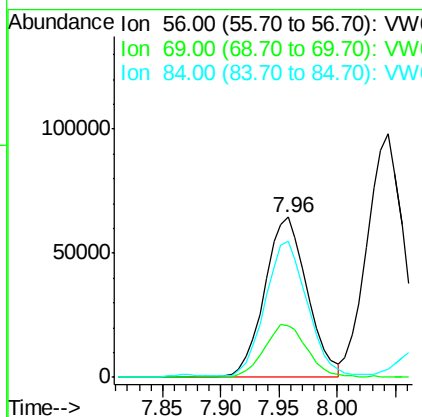
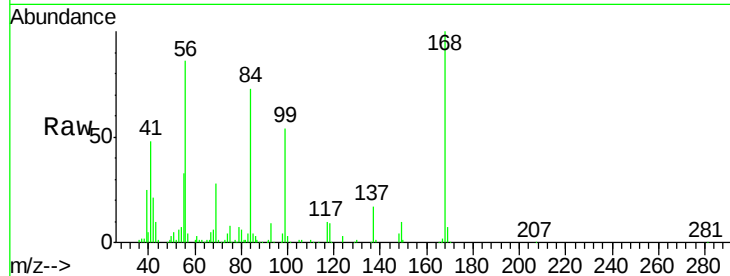
ClientSampleId :

WP021SB487-13-15-180621MSD

Tot Ion:	56	Resp:	163729
Ion	Ratio	Lower	Upper
56	100		
69	32.6	26.3	39.5
84	83.1	65.7	98.5

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#32

1,1,1-Trichloroethane

Concen: 53.46 ug/l

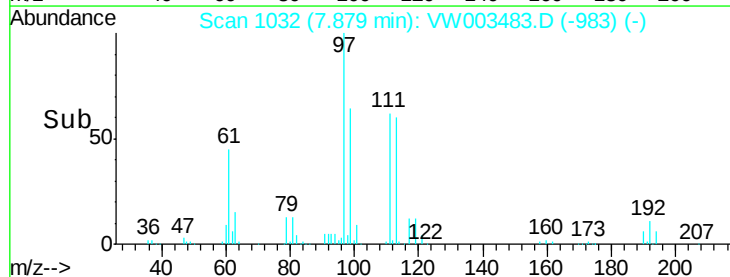
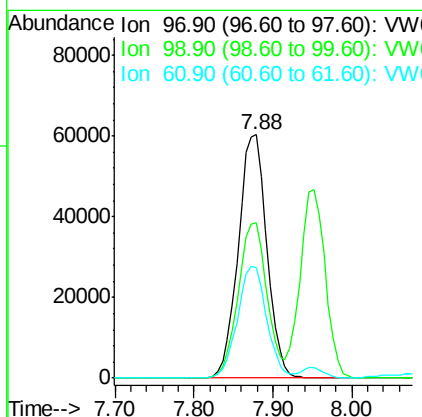
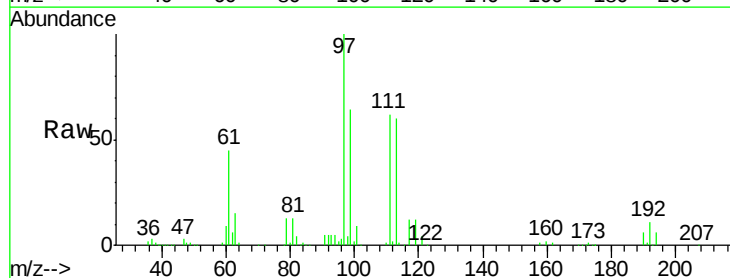
RT: 7.88 min Scan# 1032

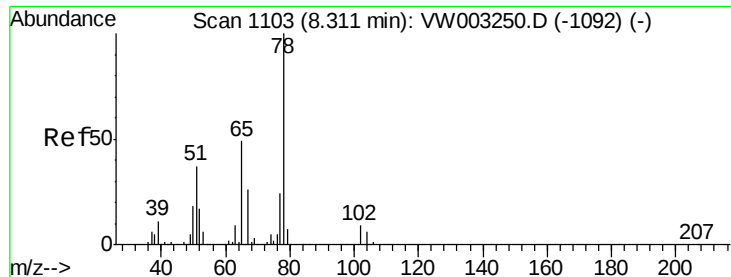
Delta R.T. 0.00 min

Lab File: VW003483.D

Acq: 24 Jun 2018 02:47

Tgt Ion:	97	Resp:	152316
Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.7	77.5
61	46.8	37.6	56.4





#33

1,2-Dichloroethane-d4

Concen: 62.27 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW003483.D

Acq: 24 Jun 2018 02:47

Instrument :

MSVOA_W

ClientSampleId :

WP021SB487-13-15-180621MSD

Tot Ion: 65 Resp: 121968

Ion Ratio Lower Upper

65 100

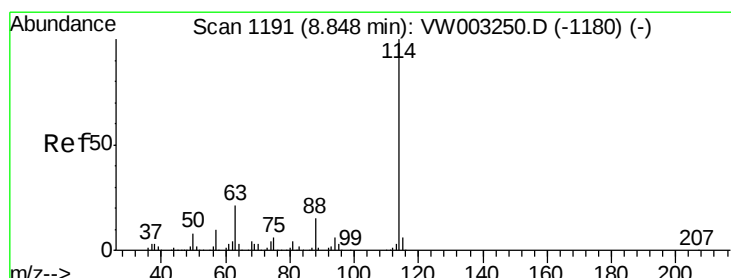
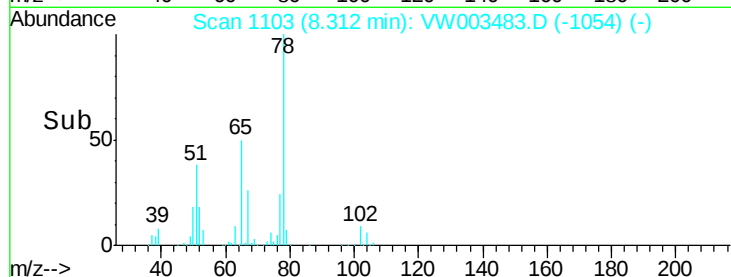
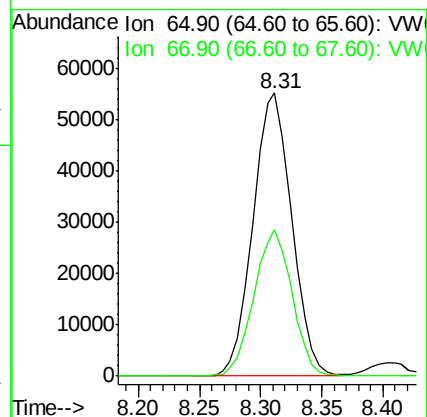
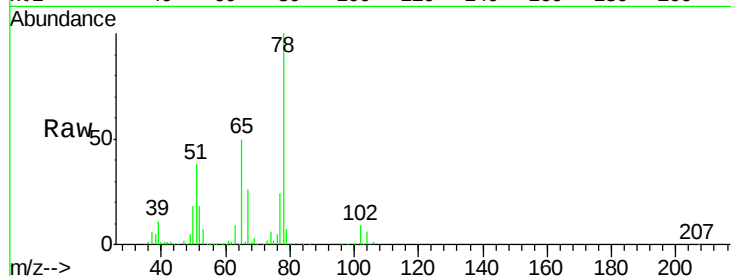
67 51.0 0.0 104.2

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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: VW003483.D

Acq: 24 Jun 2018 02:47

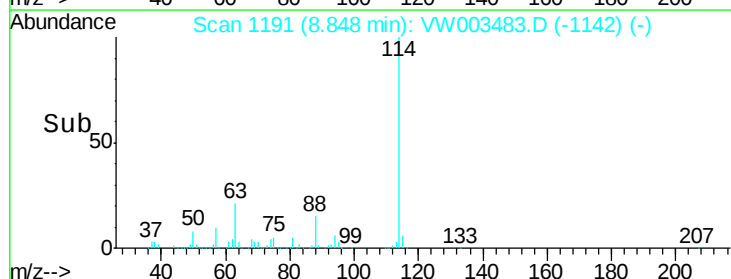
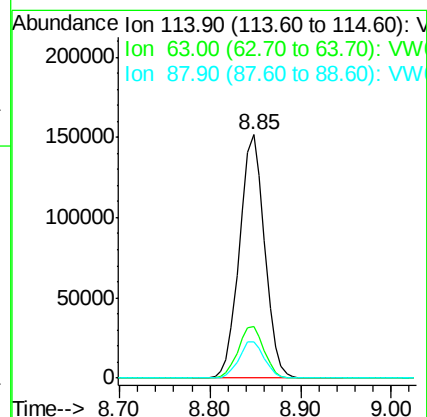
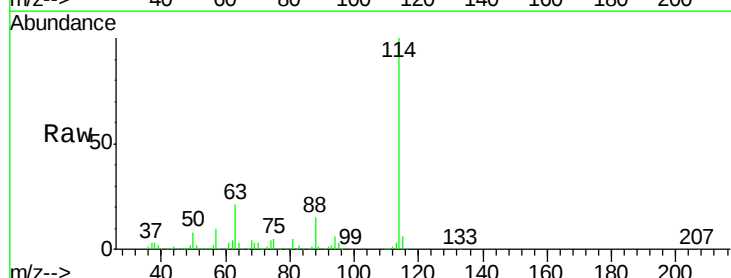
Tgt Ion: 114 Resp: 290868

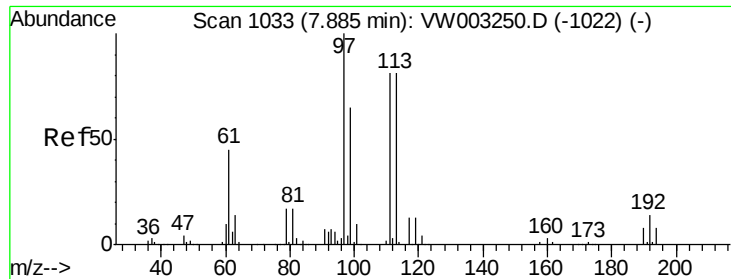
Ion Ratio Lower Upper

114 100

63 21.1 0.0 43.0

88 15.1 0.0 29.6





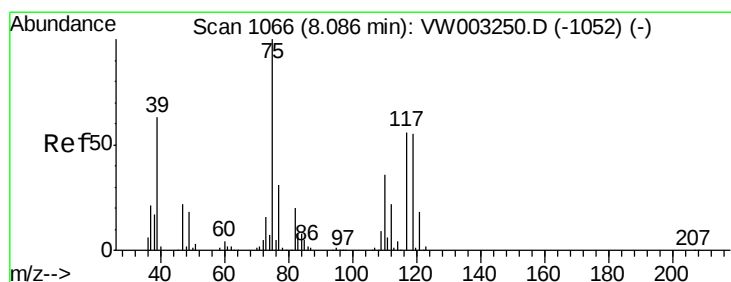
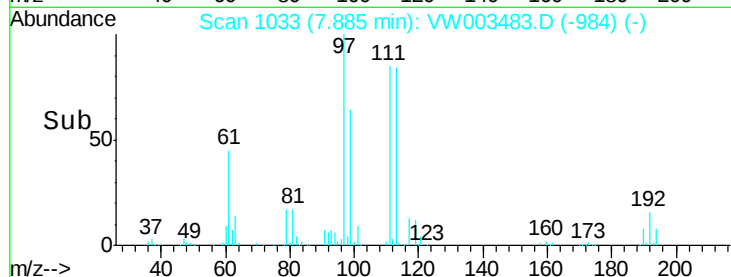
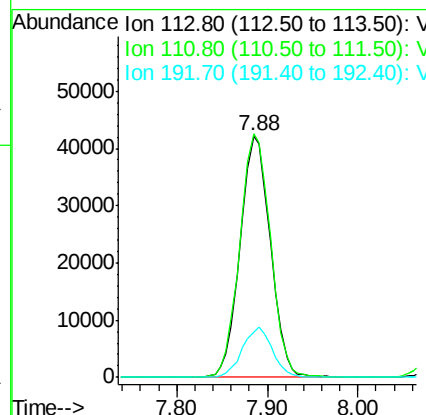
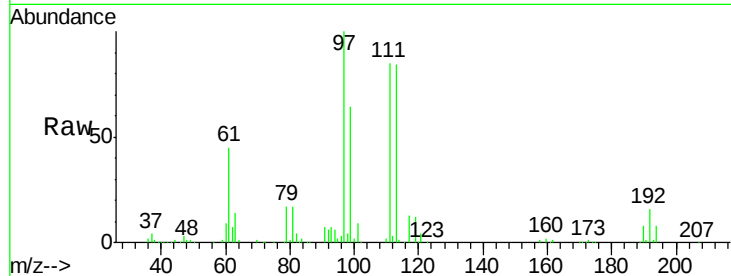
#35
 Dibromofluoromethane
 Concen: 54.10 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003483.D
 Acq: 24 Jun 2018 02:47

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB487-13-15-180621MSD

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.2	123.2
192	20.5	16.2	24.2

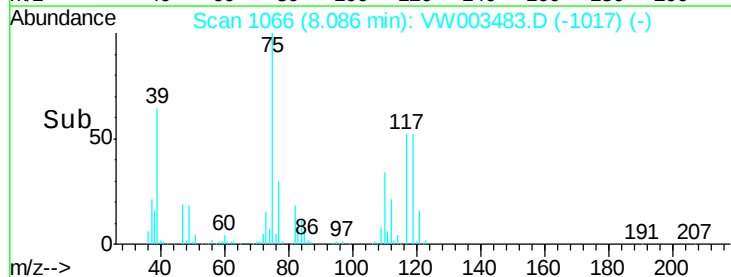
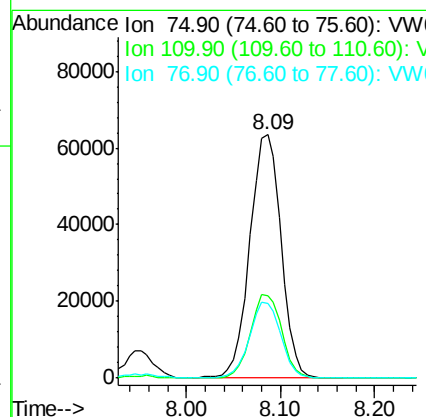
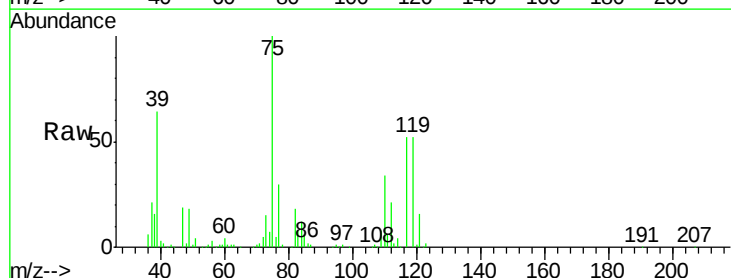
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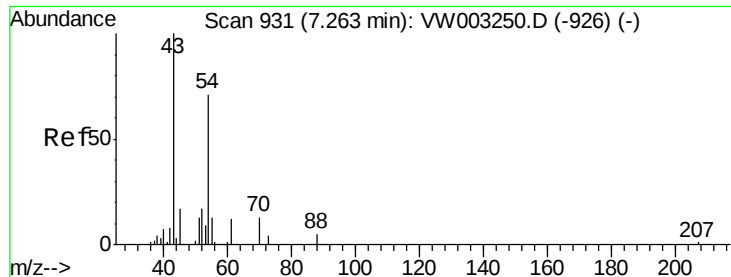
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#36
 1,1-Dichloropropene
 Concen: 52.40 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: VW003483.D
 Acq: 24 Jun 2018 02:47

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.2	17.1	51.3
77	31.3	24.9	37.3





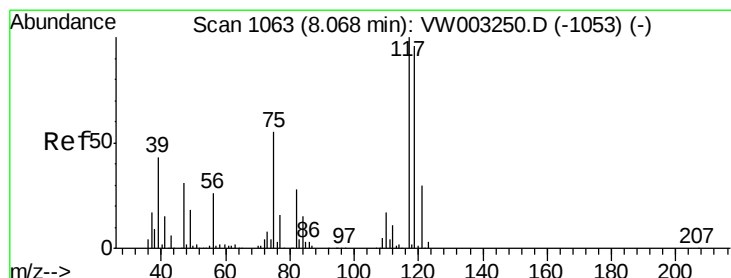
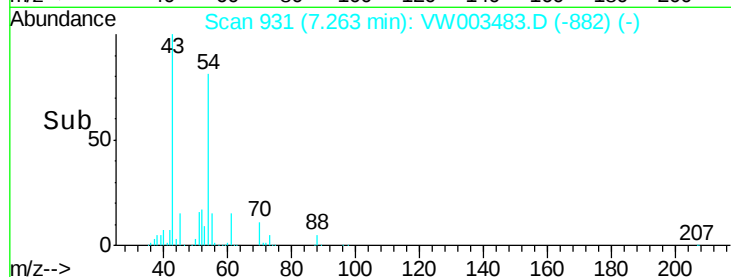
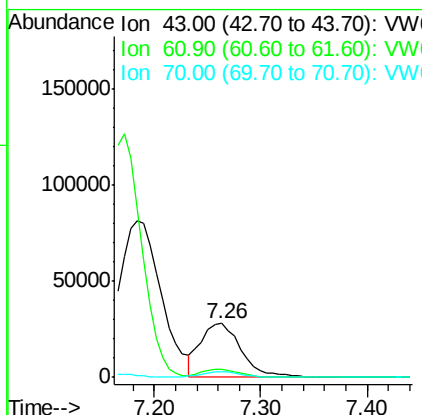
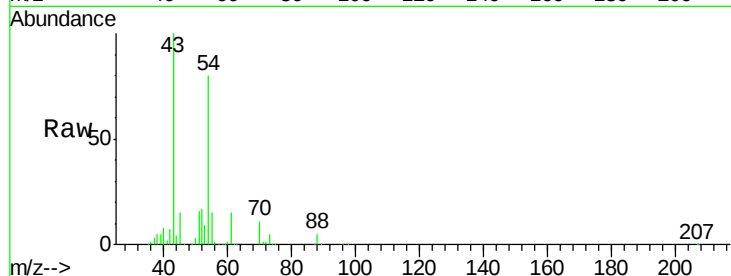
#37
Ethyl Acetate
Concen: 62.41 ug/l
RT: 7.26 min Scan# 931
Delta R.T. 0.00 min
Lab File: VW003483.D
Acq: 24 Jun 2018 02:47

Instrument :
MSVOA_W
ClientSampleId :
WP021SB487-13-15-180621MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.9	10.8	16.2
70	9.8	7.8	11.6

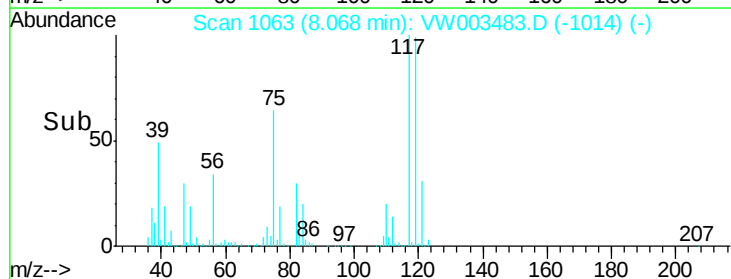
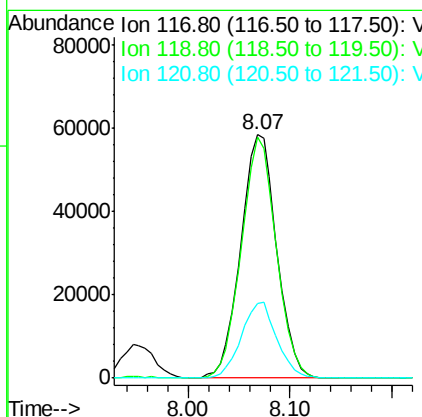
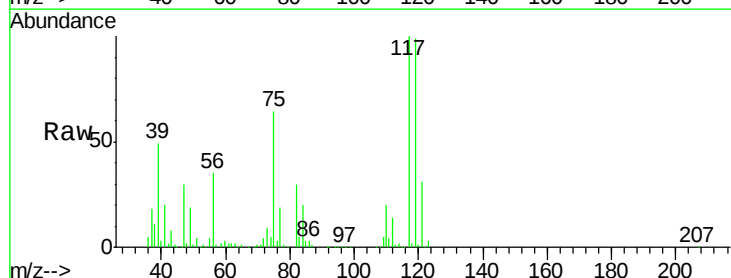
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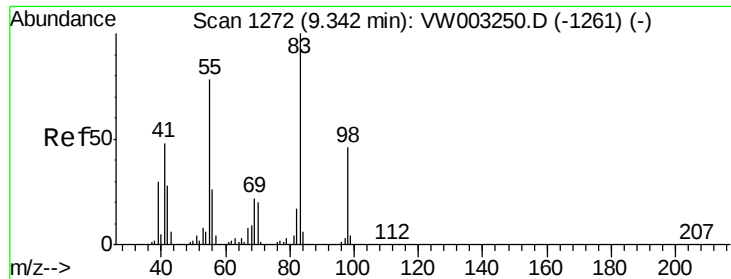
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#38
Carbon Tetrachloride
Concen: 51.97 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW003483.D
Acq: 24 Jun 2018 02:47

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.1	76.6	115.0
121	30.7	23.9	35.9





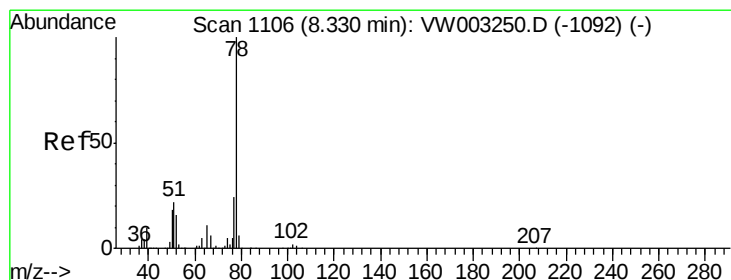
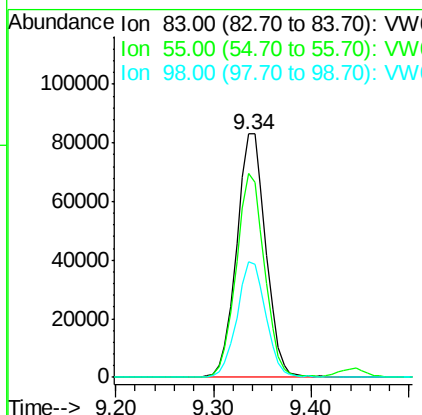
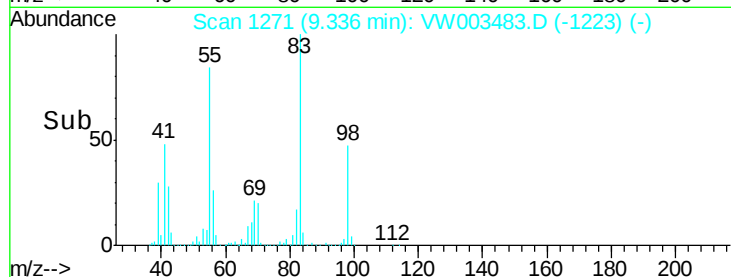
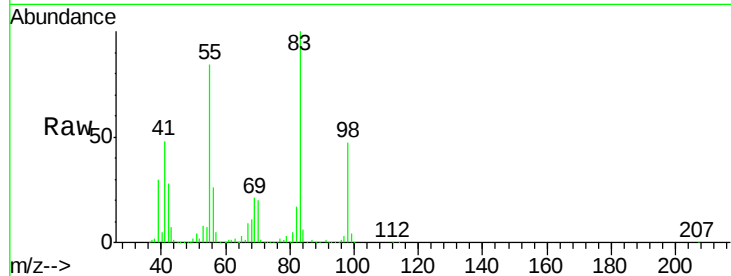
#39
Methvlcvclohexane
Concen: 52.91 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.01 min
Lab File: VW003483.D
Acq: 24 Jun 2018 02:47

Instrument :
MSVOA_W
ClientSampleId :
WP021SB487-13-15-180621MSD

Tot Ion	Ratio	Lower	Upper
83	100		
55	83.6	62.6	93.8
98	47.3	37.0	55.4

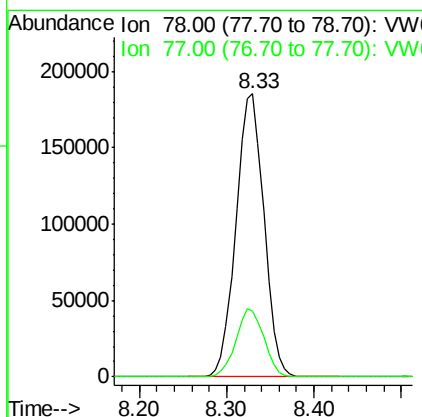
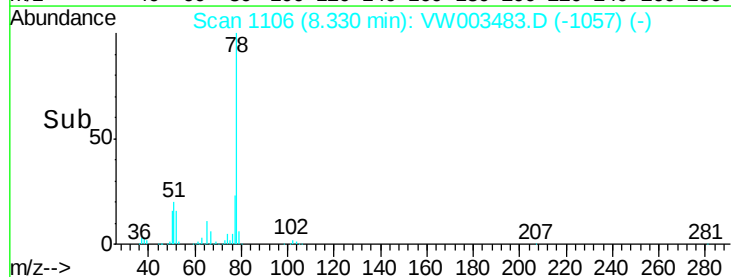
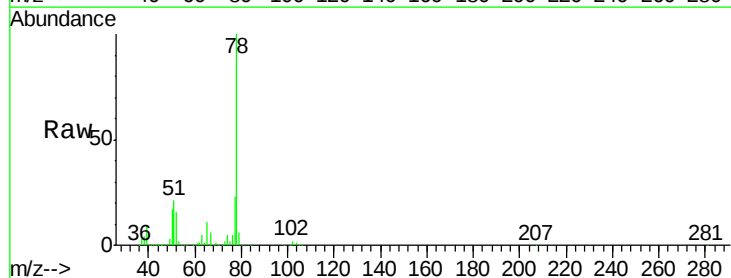
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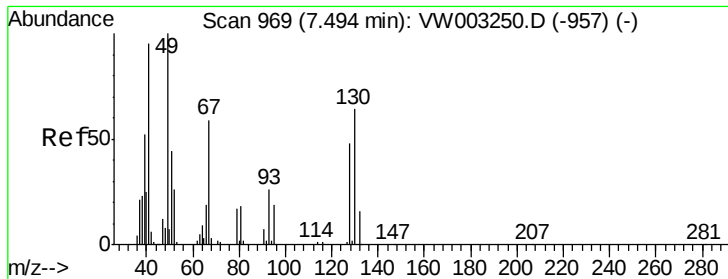
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#40
Benzene
Concen: 53.29 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VW003483.D
Acq: 24 Jun 2018 02:47

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.0	28.6





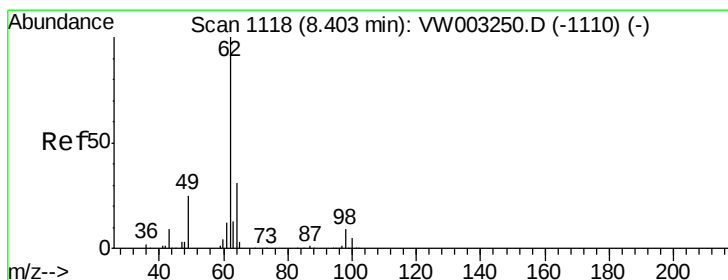
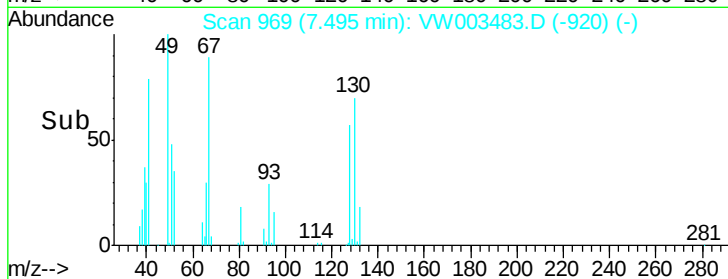
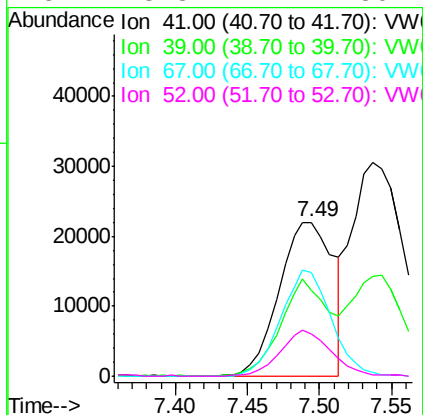
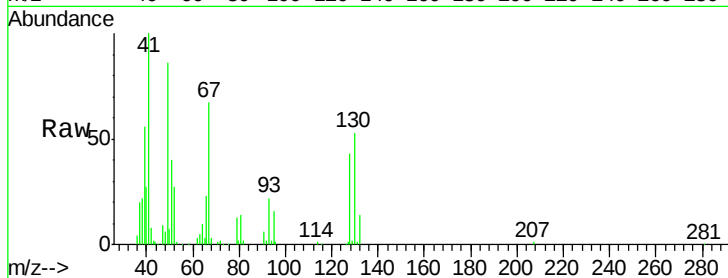
#41
Methacrylonitrile
Concen: 81.16 ug/l
RT: 7.49 min Scan# 969
Delta R.T. 0.00 min
Lab File: VW003483.D
Acq: 24 Jun 2018 02:47

Instrument :
MSVOA_W
ClientSampleId :
WP021SB487-13-15-180621MSD

Tot Ion	41	Resp	57954
Ion	Ratio	Lower	Upper
41	100		
39	56.0	45.8	68.8
67	63.7	52.3	78.5
52	28.3	24.1	36.1

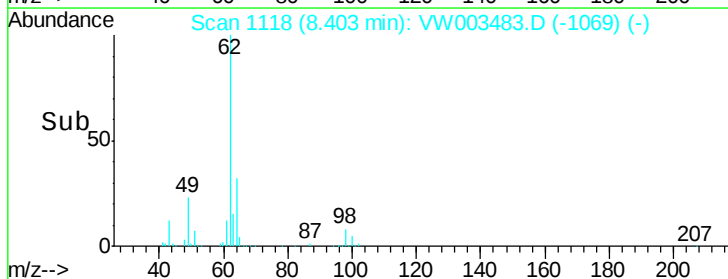
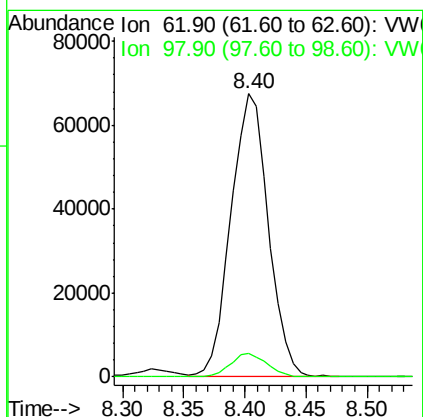
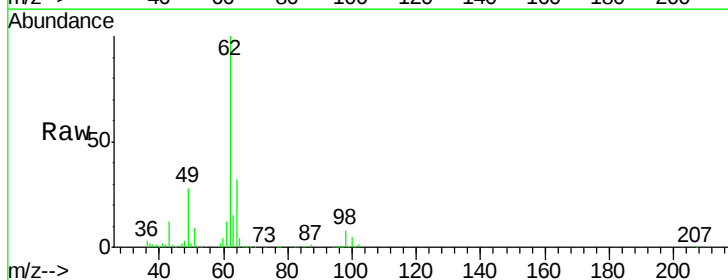
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#42
1,2-Dichloroethane
Concen: 59.01 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW003483.D
Acq: 24 Jun 2018 02:47

Tgt Ion	62	Resp	143143
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	17.2





#43

Isopropyl Acetate

Concen: 66.58 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VW003483.D

Acq: 24 Jun 2018 02:47

Instrument :

MSVOA_W

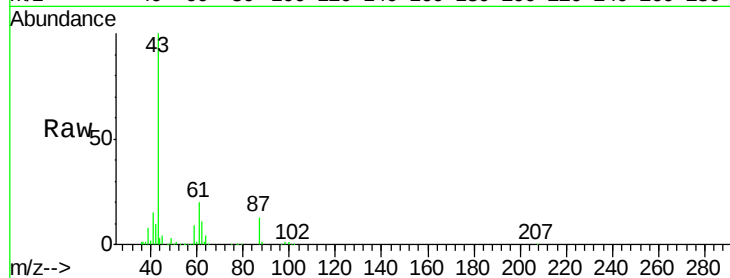
ClientSampleId :

WP021SB487-13-15-180621MSD

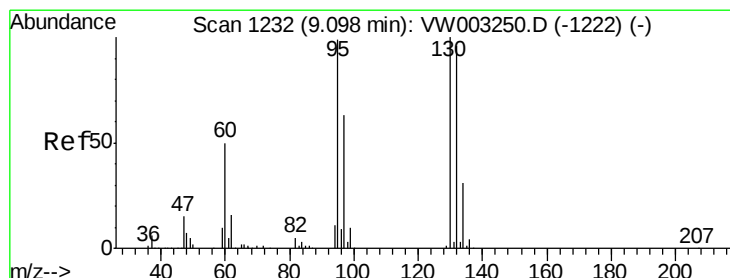
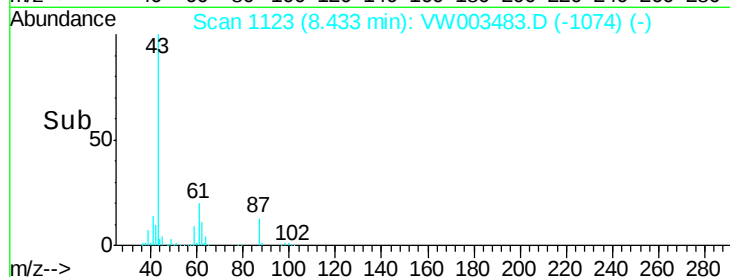
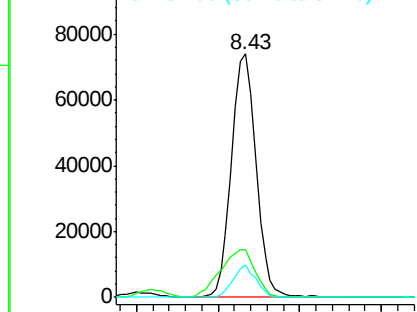
Tot Ion:	43	Resp:	153848
Ion	Ratio	Lower	Upper
43	100		
61	27.8	23.1	34.7
87	12.2	9.8	14.6

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Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 52.97 ug/l

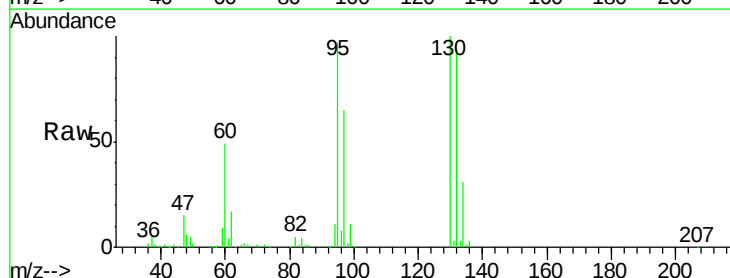
RT: 9.10 min Scan# 1232

Delta R.T. 0.00 min

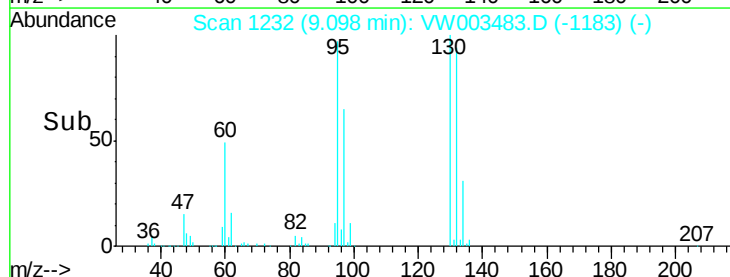
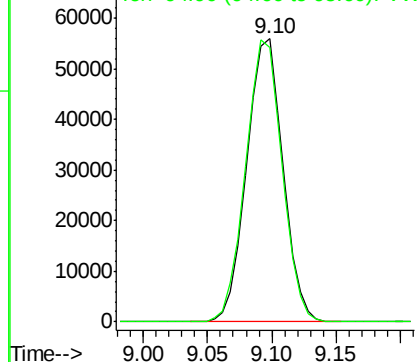
Lab File: VW003483.D

Acq: 24 Jun 2018 02:47

Tgt Ion:	130	Resp:	108683
Ion	Ratio	Lower	Upper
130	100		
95	96.8	0.0	198.0



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 54.69 ug/l

RT: 9.37 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VW003483.D

Acq: 24 Jun 2018 02:47

Instrument :

MSVOA_W

ClientSampleId :

WP021SB487-13-15-180621MSD

Tot Ion: 63 Resp: 107817

Ion Ratio Lower Upper

63 100

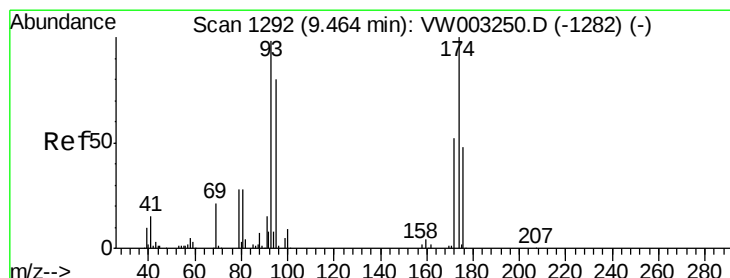
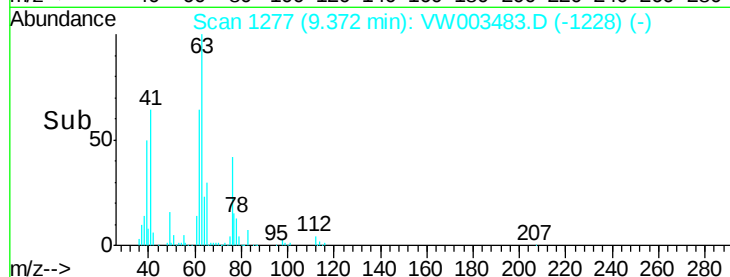
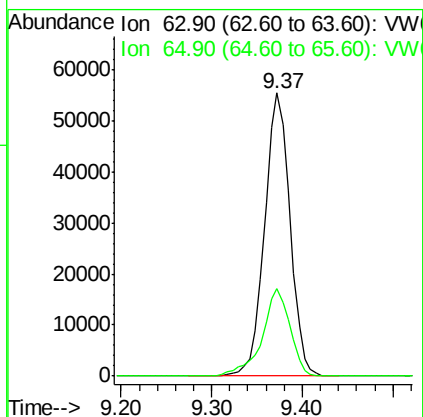
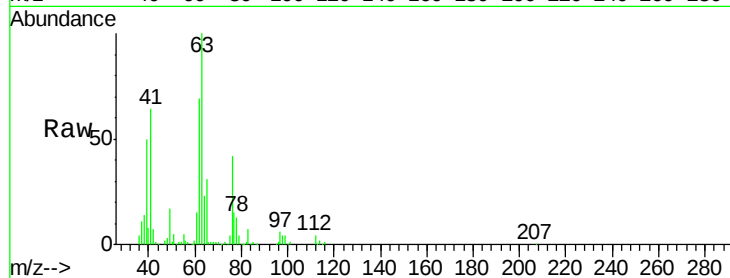
65 31.1 25.1 37.7

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#46

Dibromomethane

Concen: 62.20 ug/l

RT: 9.46 min Scan# 1292

Delta R.T. 0.00 min

Lab File: VW003483.D

Acq: 24 Jun 2018 02:47

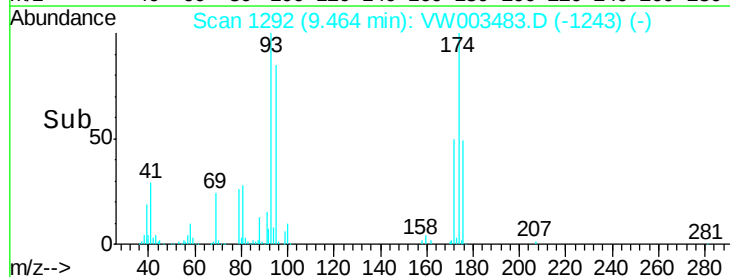
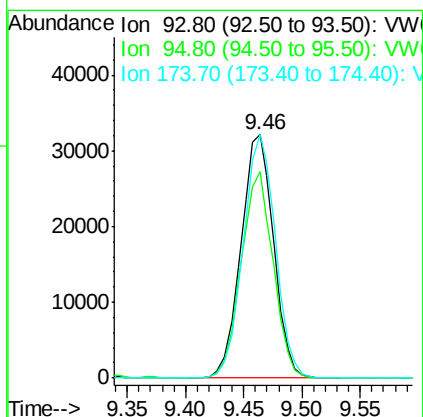
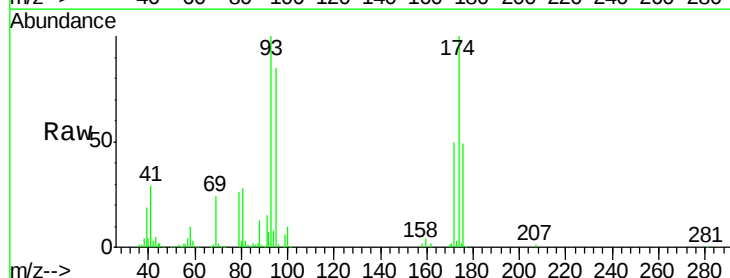
Tgt Ion: 93 Resp: 62777

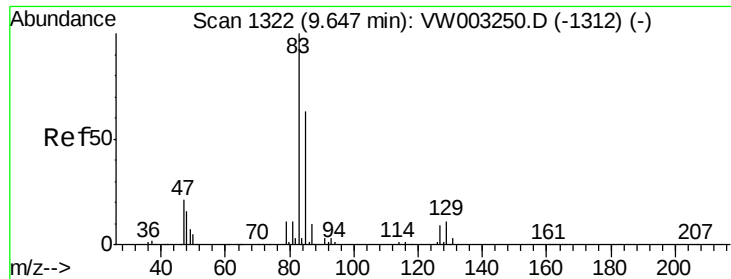
Ion Ratio Lower Upper

93 100

95 83.2 65.8 98.8

174 99.2 81.4 122.0





#47

Bromodichloromethane

Concen: 54.92 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW003483.D

Acq: 24 Jun 2018 02:47

Instrument :

MSVOA_W

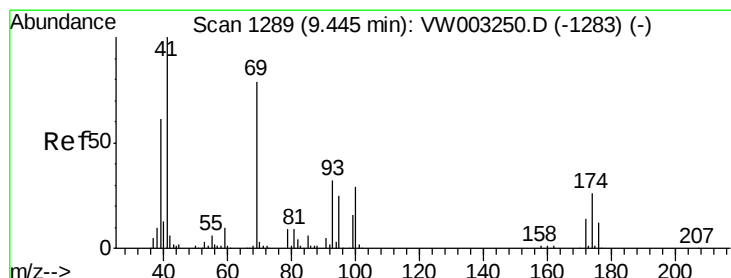
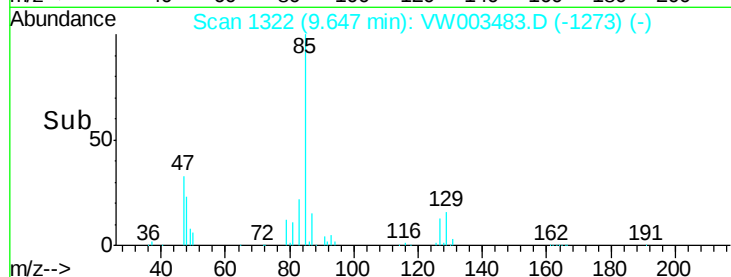
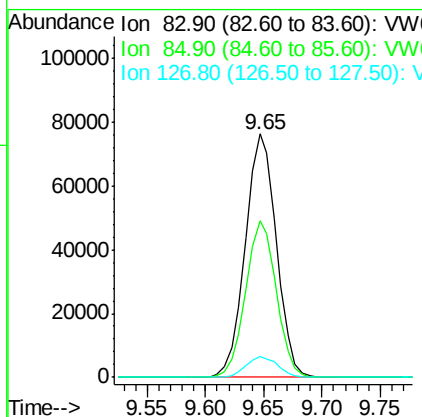
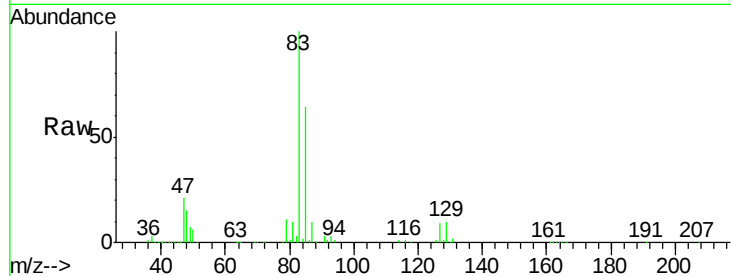
ClientSampleId :

WP021SB487-13-15-180621MSD

Tot Ion:	83	Resp:	142096
Ion	Ratio	Lower	Upper
83	100		
85	64.2	50.6	75.8
127	8.6	6.8	10.2

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#48

Methyl methacrylate

Concen: 79.90 ug/l

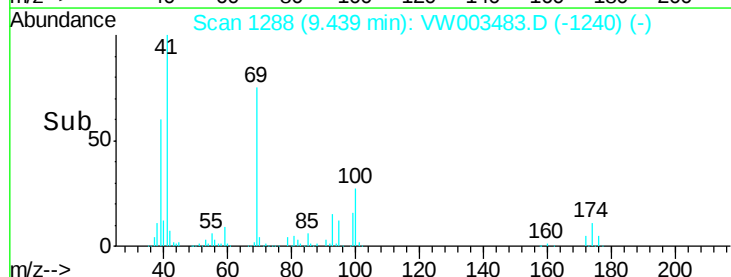
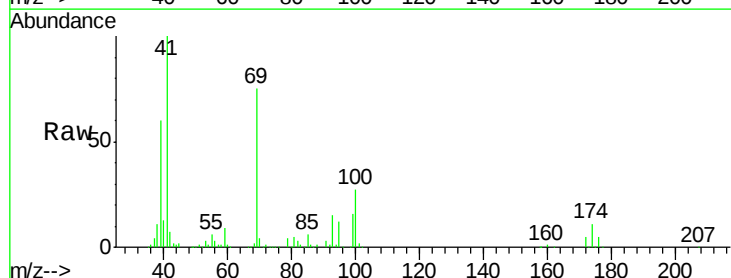
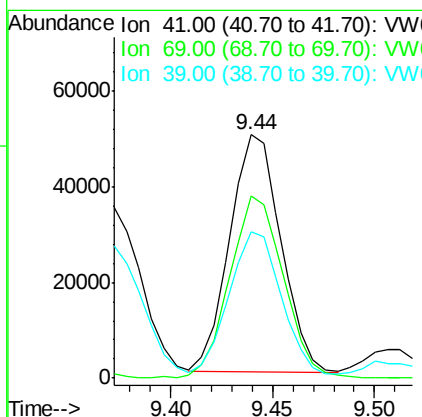
RT: 9.44 min Scan# 1288

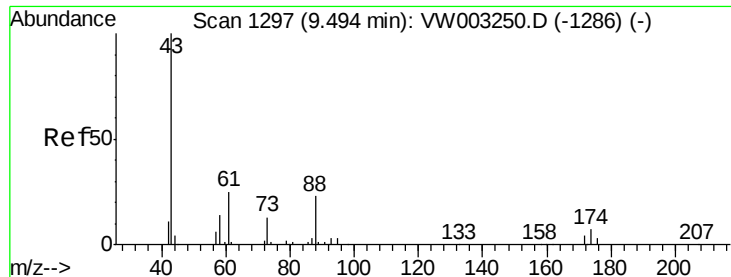
Delta R.T. -0.01 min

Lab File: VW003483.D

Acq: 24 Jun 2018 02:47

Tgt Ion:	41	Resp:	86766
Ion	Ratio	Lower	Upper
41	100		
69	79.7	65.4	98.2
39	64.4	54.2	81.2





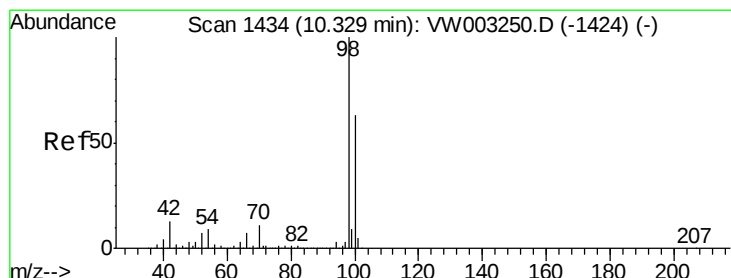
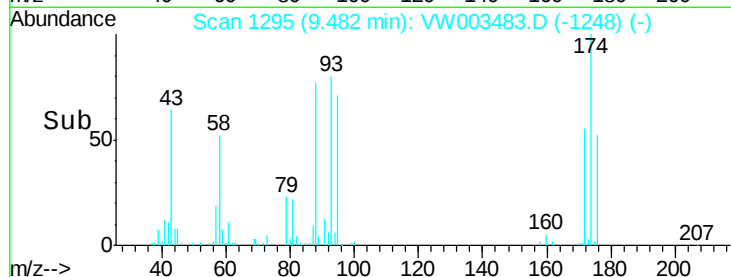
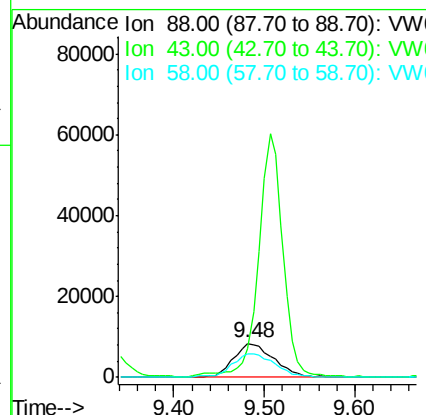
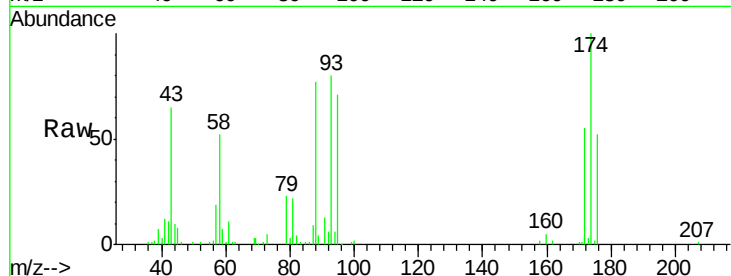
#49
1,4-Dioxane
Concen: 1698.17 ug/l
RT: 9.48 min Scan# 1295
Delta R.T. -0.01 min
Lab File: VW003483.D
Acq: 24 Jun 2018 02:47

Instrument :
MSVOA_W
ClientSampleId :
WP021SB487-13-15-180621MSD

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	454.7	682.1#
58	74.5	58.6	88.0

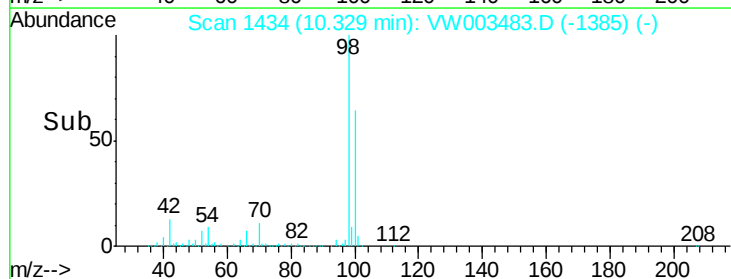
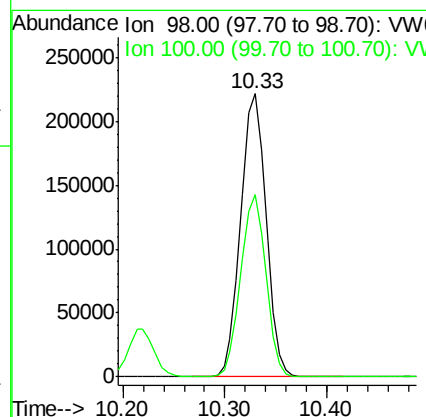
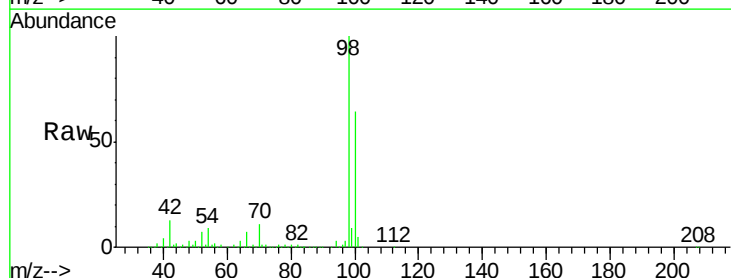
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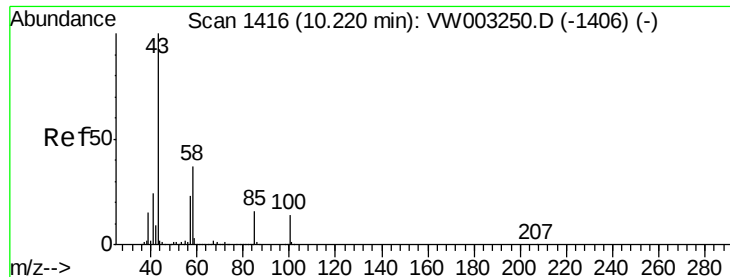
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#50
Toluene-d8
Concen: 53.37 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW003483.D
Acq: 24 Jun 2018 02:47

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.7	50.8	76.2





#51

4-Methyl-2-Pentanone

Concen: 415.44 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. -0.01 min

Lab File: VW003483.D

Acq: 24 Jun 2018 02:47

Instrument :

MSVOA_W

ClientSampleId :

WP021SB487-13-15-180621MSD

Tot Ion: 43 Resp: 489156

Ion Ratio Lower Upper

43 100

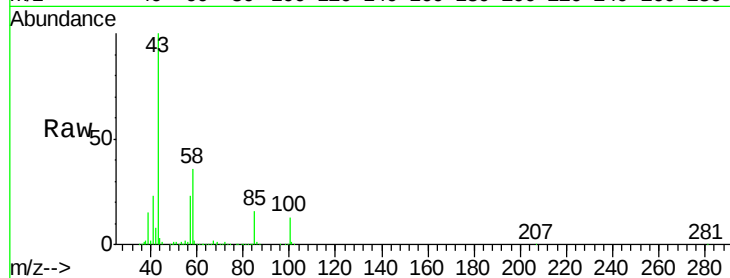
58 36.5 29.0 43.4

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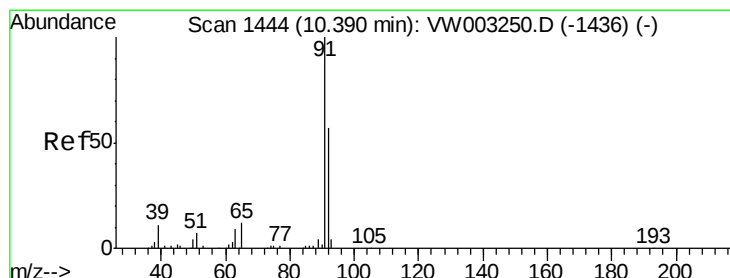
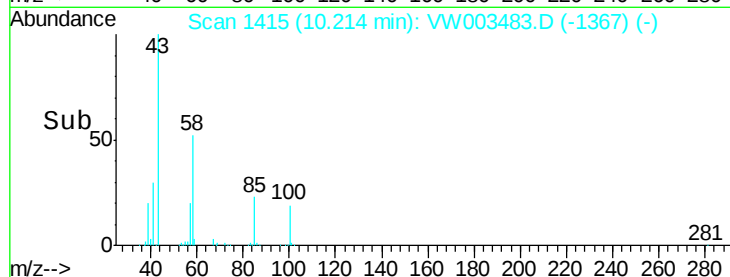
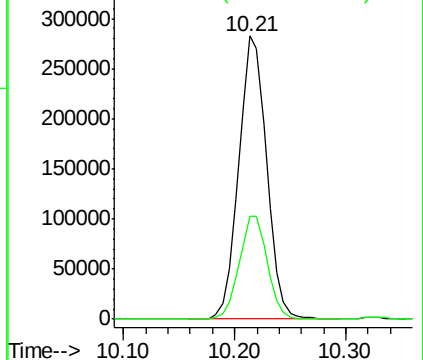
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 52.75 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW003483.D

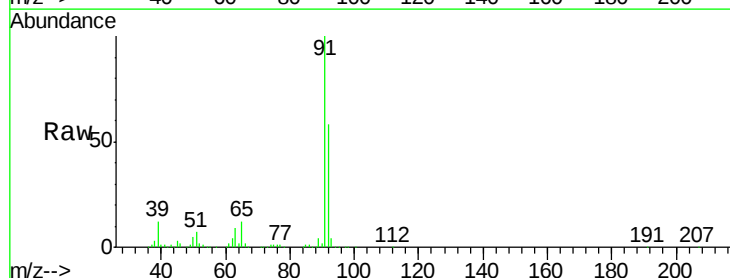
Acq: 24 Jun 2018 02:47

Tgt Ion: 92 Resp: 261915

Ion Ratio Lower Upper

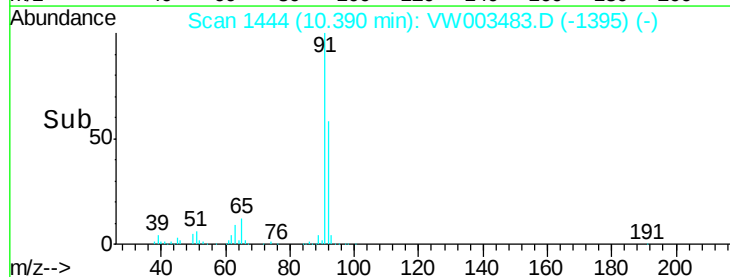
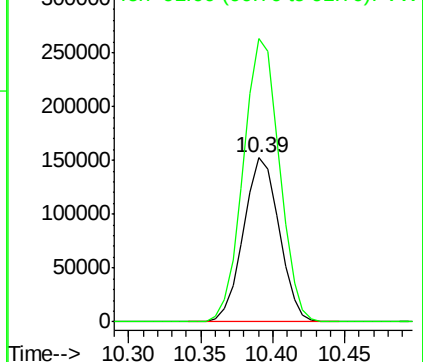
92 100

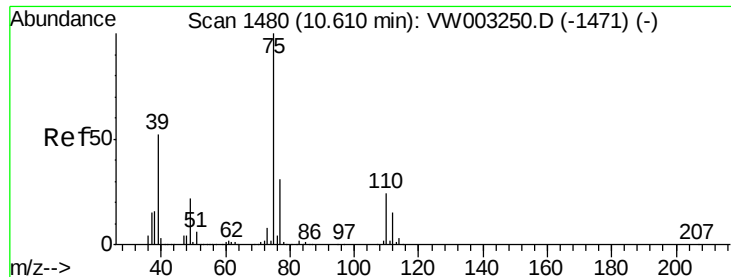
91 174.3 141.1 211.7



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





#53

t-1,3-Dichloropropene

Concen: 58.62 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW003483.D

Acq: 24 Jun 2018 02:47

Instrument :

MSVOA_W

ClientSampleId :

WP021SB487-13-15-180621MSD

Tot Ion: 75 Resp: 154927

Ion Ratio Lower Upper

75 100

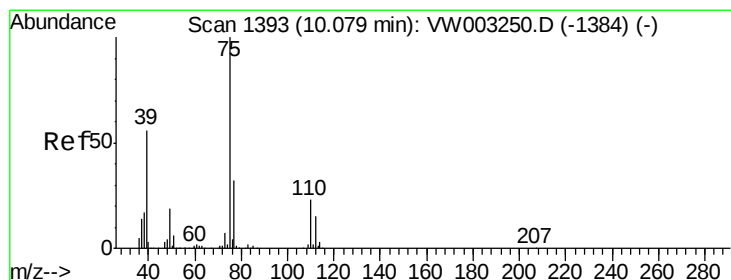
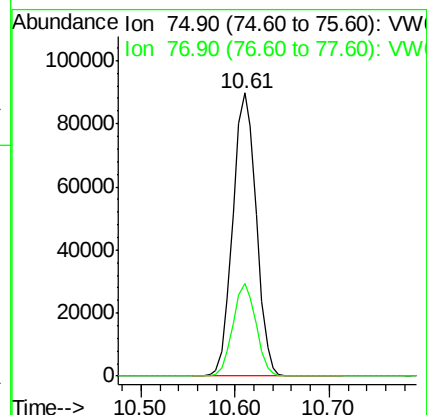
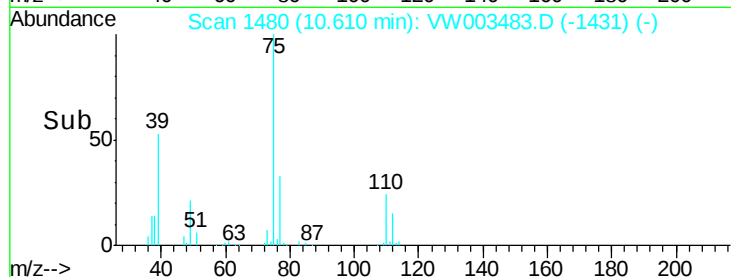
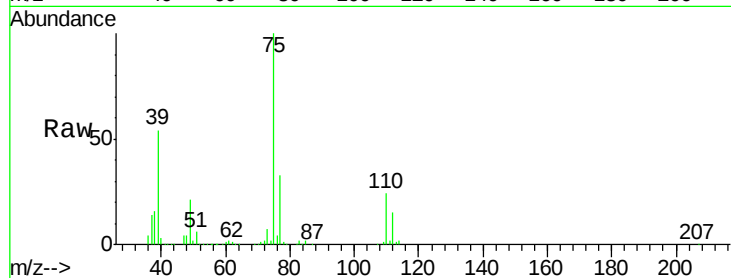
77 32.7 24.9 37.3

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#54

cis-1,3-Dichloropropene

Concen: 54.68 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. 0.00 min

Lab File: VW003483.D

Acq: 24 Jun 2018 02:47

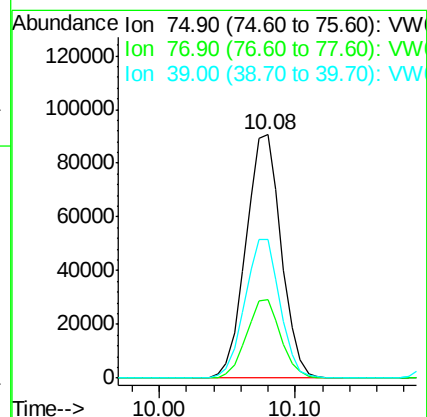
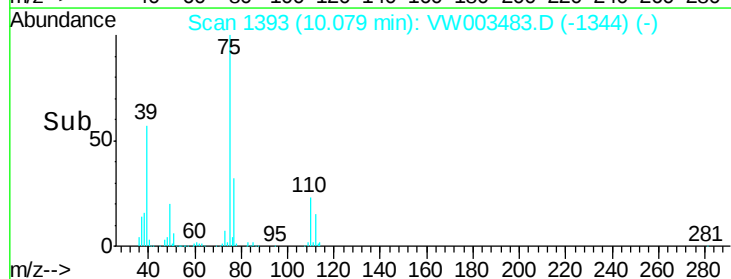
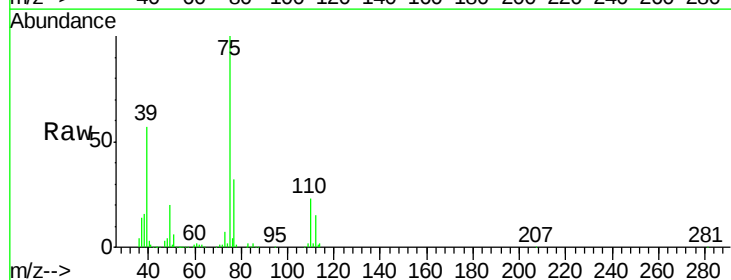
Tgt Ion: 75 Resp: 164472

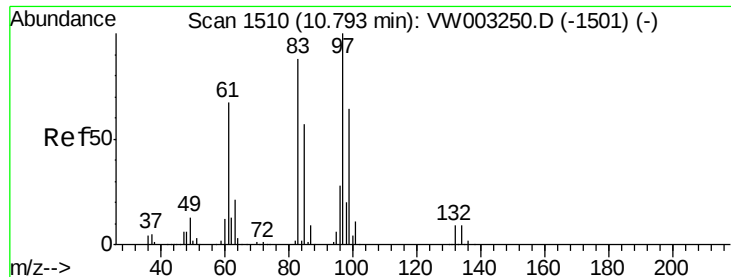
Ion Ratio Lower Upper

75 100

77 32.4 25.8 38.6

39 57.1 45.2 67.8





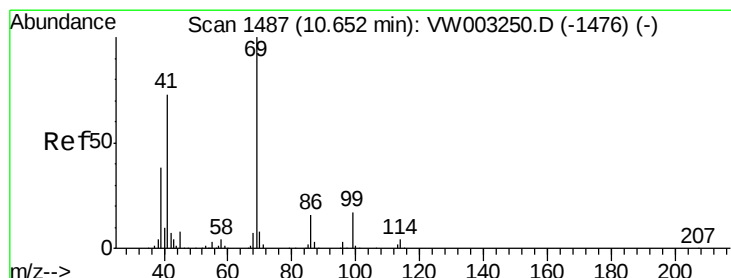
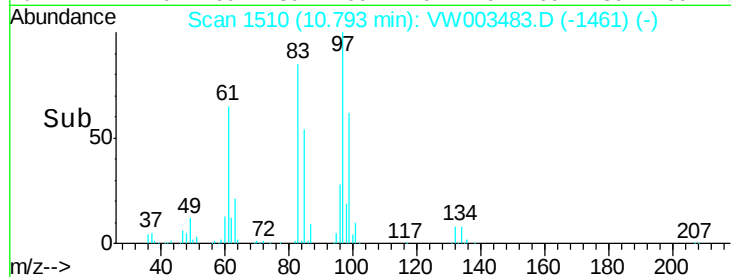
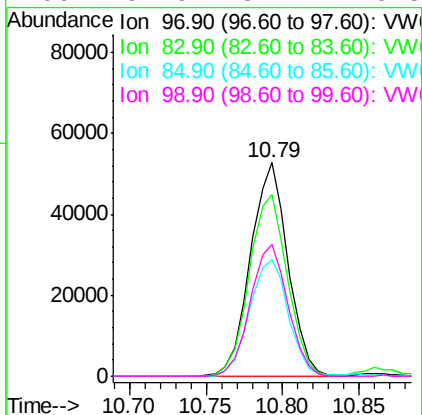
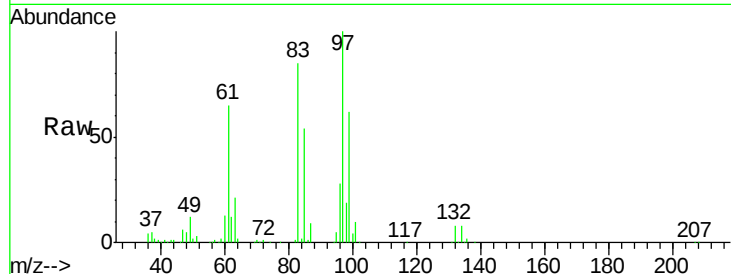
#55
 1,1,2-Trichloroethane
 Concen: 63.21 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW003483.D
 Acq: 24 Jun 2018 02:47

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB487-13-15-180621MSD

Tot Ion	Ratio	Lower	Upper
97	100		
83	84.8	70.2	105.2
85	54.4	45.6	68.4
99	61.6	51.2	76.8

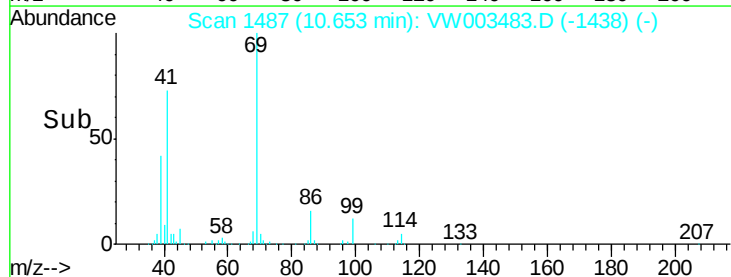
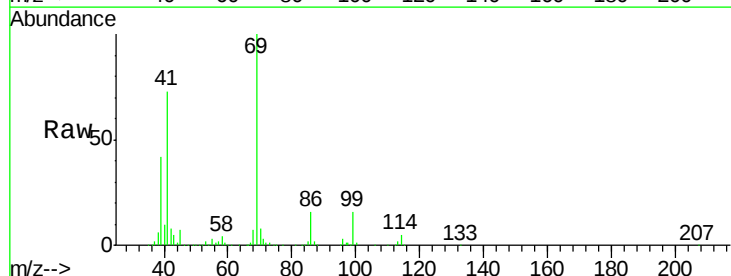
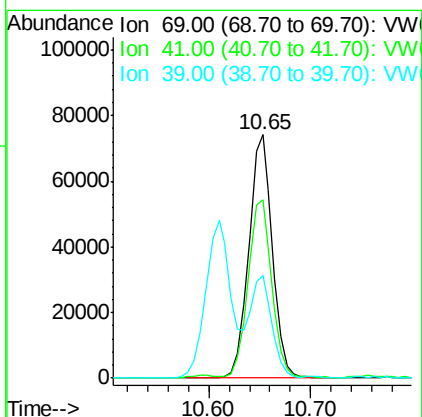
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#56
 Ethyl methacrylate
 Concen: 69.17 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW003483.D
 Acq: 24 Jun 2018 02:47

Tgt Ion	Ratio	Lower	Upper
69	100		
41	73.3	57.8	86.6
39	37.8	32.7	49.1





#57

1,3-Dichloropropane

Concen: 63.73 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VW003483.D

Acq: 24 Jun 2018 02:47

Instrument :

MSVOA_W

ClientSampleId :

WP021SB487-13-15-180621MSD

Tot Ion: 76 Resp: 156337

Ion Ratio Lower Upper

76 100

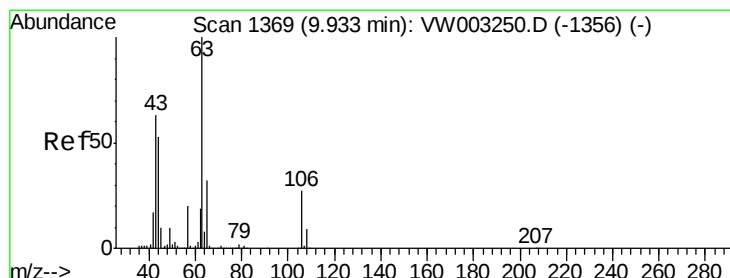
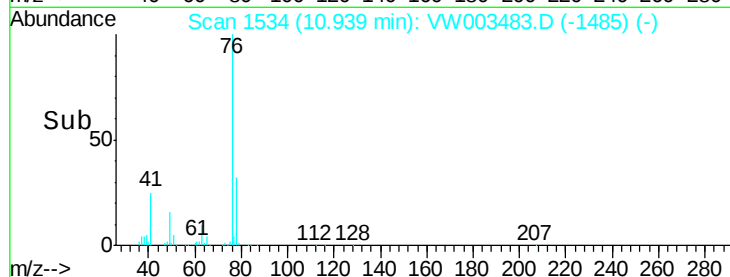
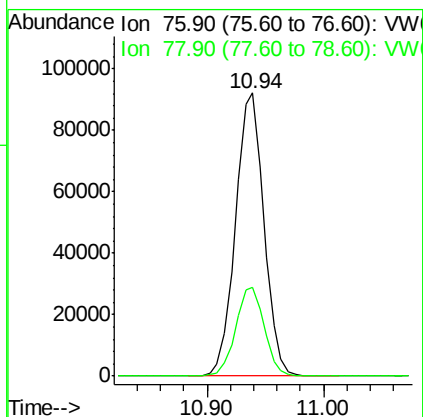
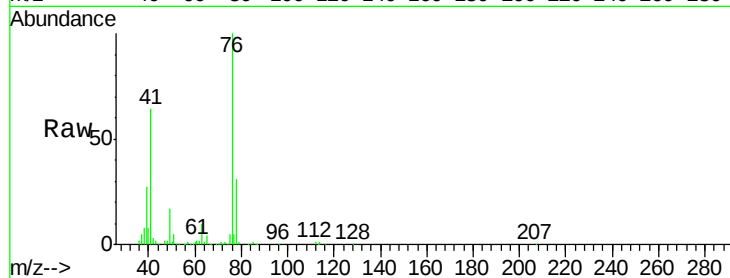
78 31.8 25.7 38.5

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#58

2-Chloroethyl Vinyl ether

Concen: 349.70 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. -0.01 min

Lab File: VW003483.D

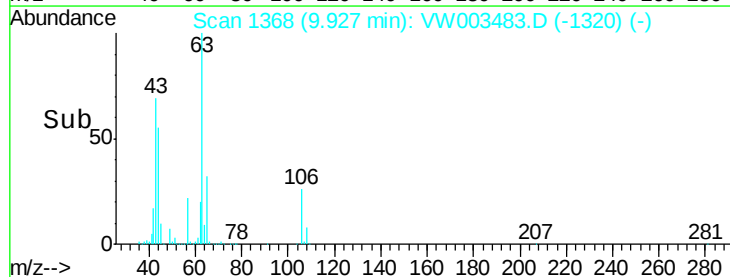
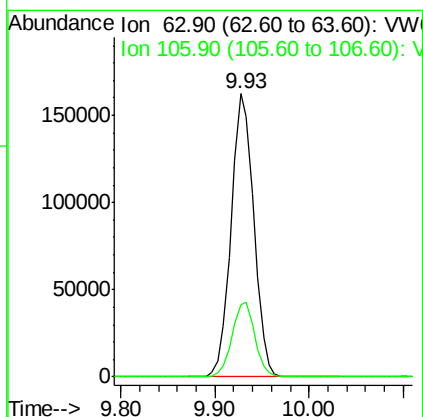
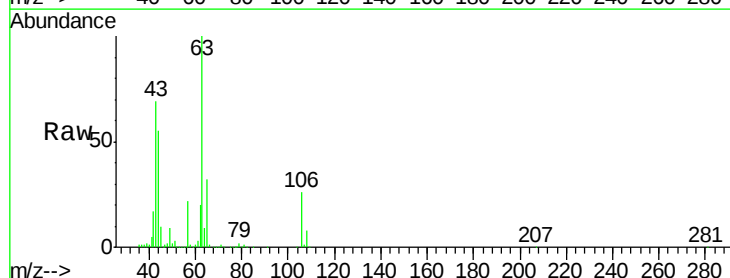
Acq: 24 Jun 2018 02:47

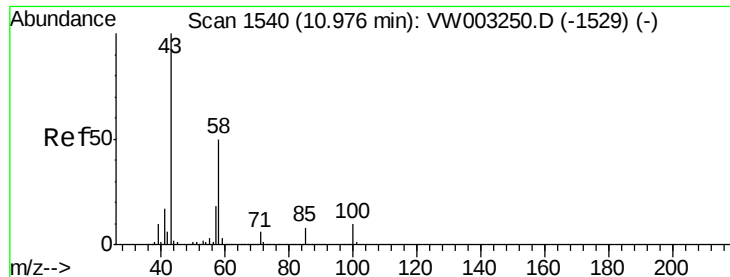
Tgt Ion: 63 Resp: 270750

Ion Ratio Lower Upper

63 100

106 26.6 21.8 32.8





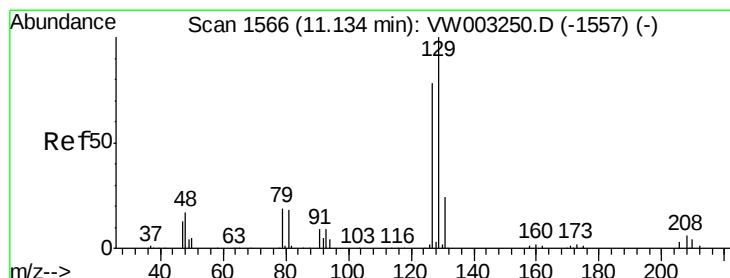
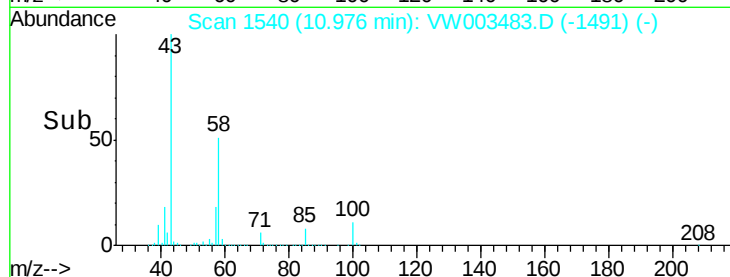
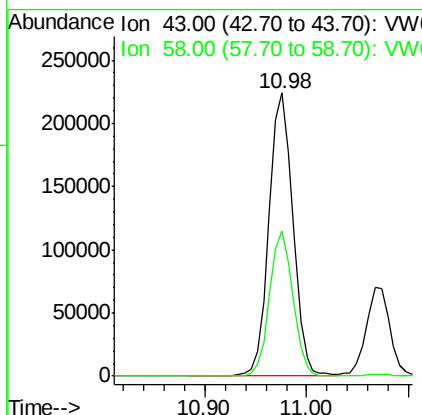
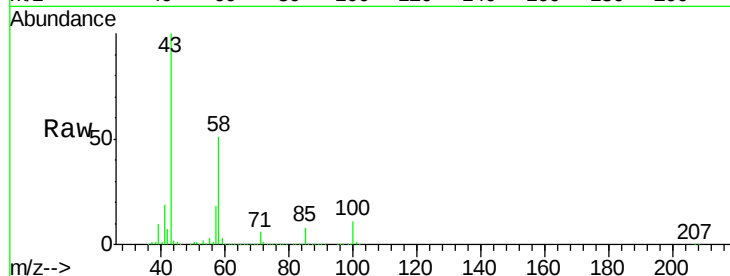
#59
2-Hexanone
Concen: 442.40 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW003483.D
Acq: 24 Jun 2018 02:47

Instrument :
MSVOA_W
ClientSampleId :
WP021SB487-13-15-180621MSD

Tot Ion: 43 Resp: 363888
Ion Ratio Lower Upper
43 100
58 50.1 25.0 75.0

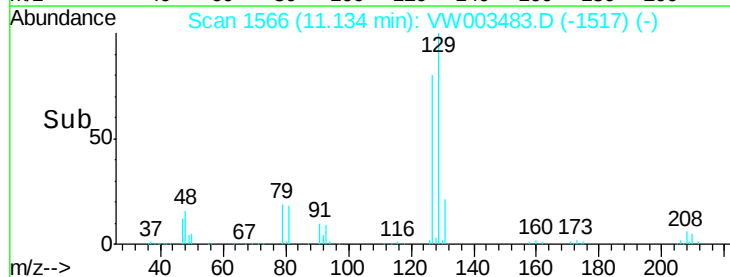
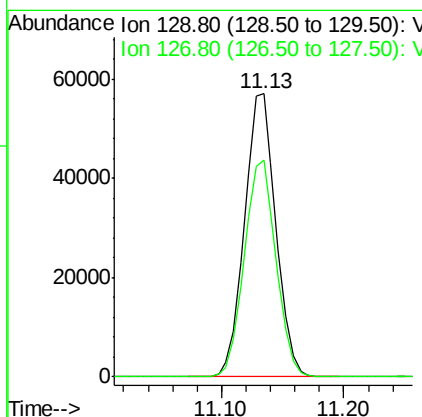
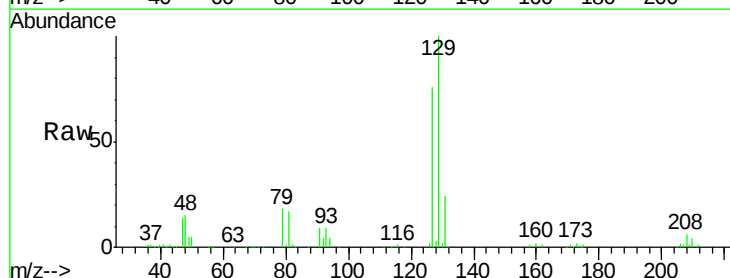
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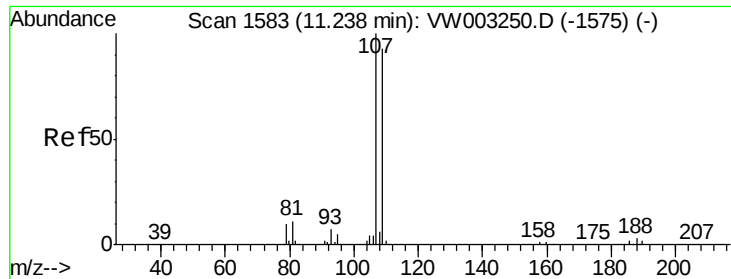
apatel
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#60
Dibromochloromethane
Concen: 59.90 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW003483.D
Acq: 24 Jun 2018 02:47

Tgt Ion: 129 Resp: 101313
Ion Ratio Lower Upper
129 100
127 77.5 39.1 117.5





#61

1,2-Dibromoethane

Concen: 65.86 ug/l

RT: 11.24 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VW003483.D

Acq: 24 Jun 2018 02:47

Instrument :

MSVOA_W

ClientSampleId :

WP021SB487-13-15-180621MSD

Tot Ion: 107 Resp: 88607

Ion Ratio Lower Upper

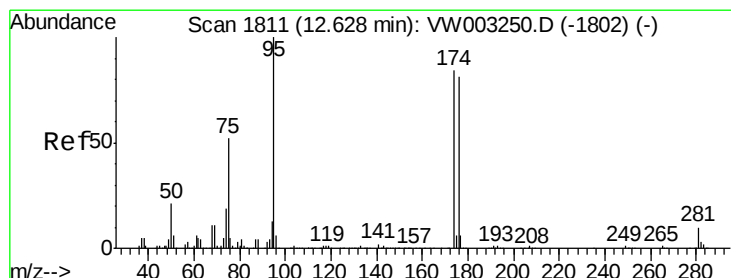
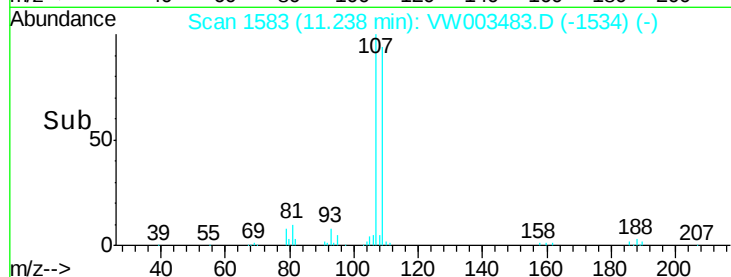
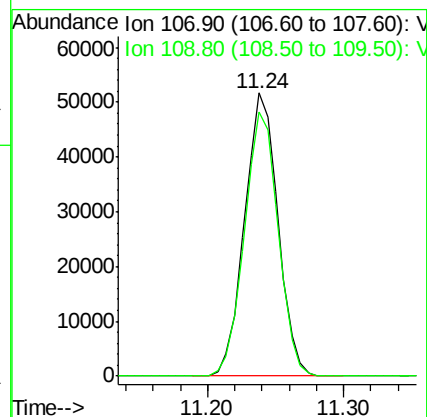
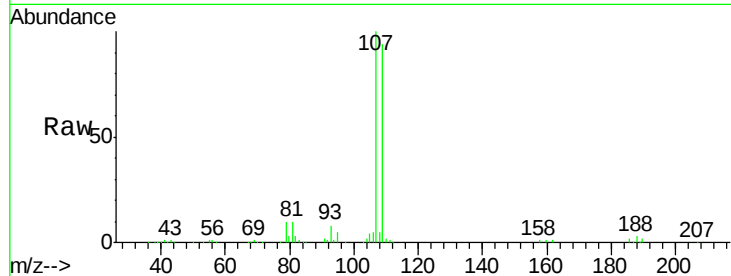
107 100

109 94.7 75.8 113.6

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#62

4-Bromofluorobenzene

Concen: 55.02 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.01 min

Lab File: VW003483.D

Acq: 24 Jun 2018 02:47

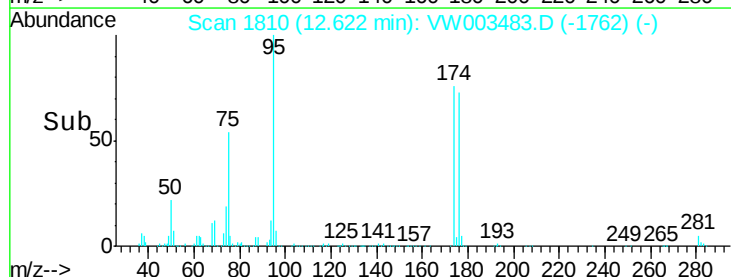
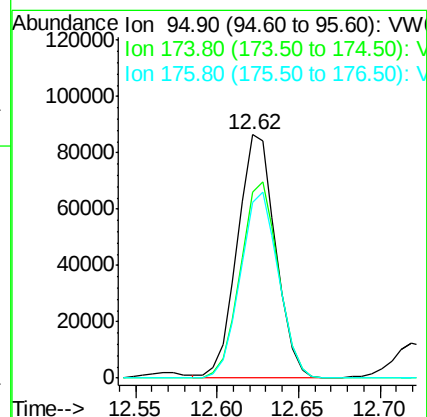
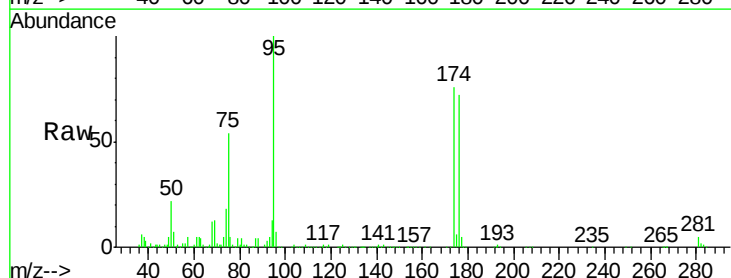
Tgt Ion: 95 Resp: 139534

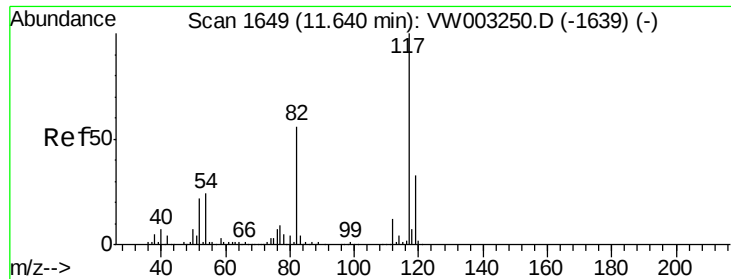
Ion Ratio Lower Upper

95 100

174 80.5 0.0 166.4

176 76.9 0.0 162.0





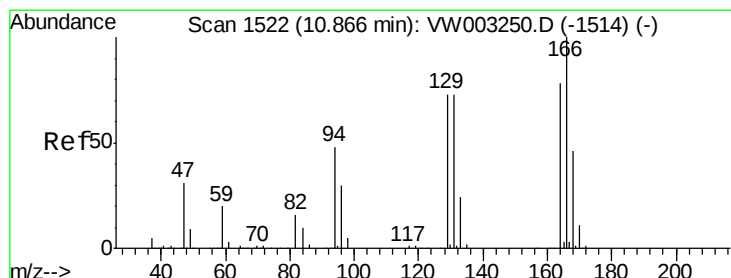
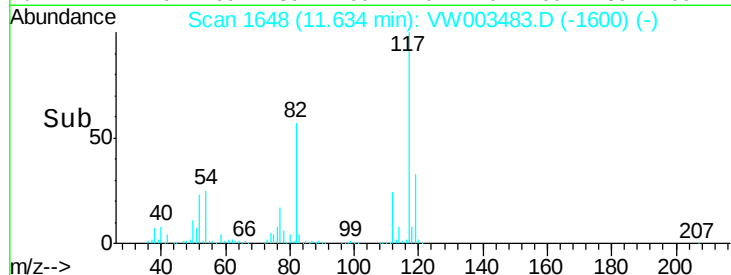
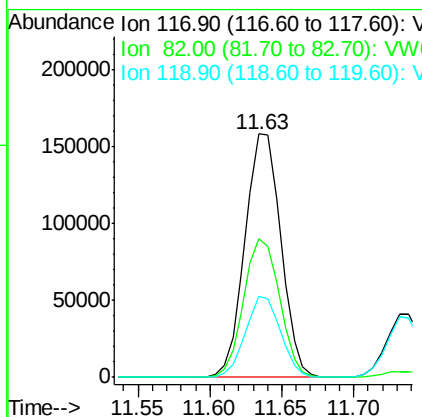
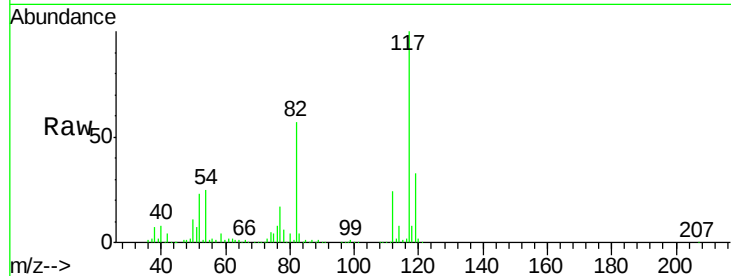
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW003483.D
Acq: 24 Jun 2018 02:47

Instrument :
MSVOA_W
ClientSampleId :
WP021SB487-13-15-180621MSD

Tot Ion	Ratio	Resp	Lower	Upper
117	100	272939		
82	57.0		44.6	67.0
119	33.1		26.7	40.1

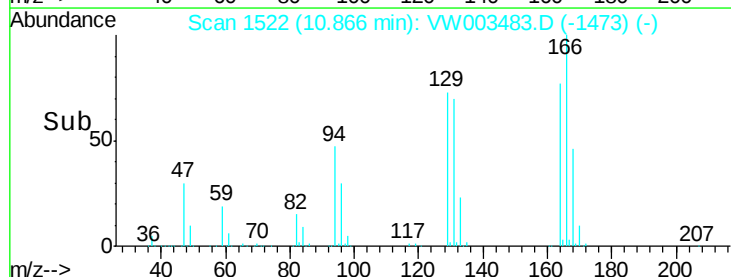
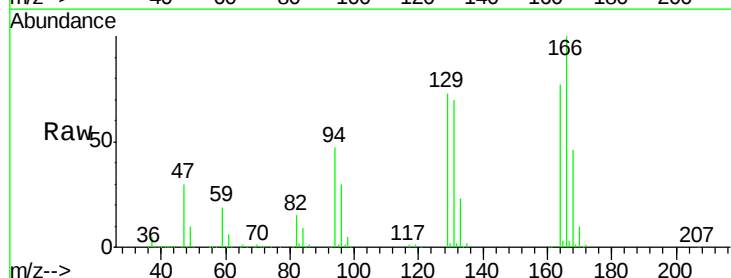
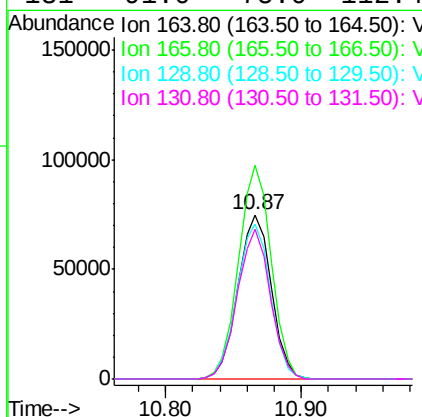
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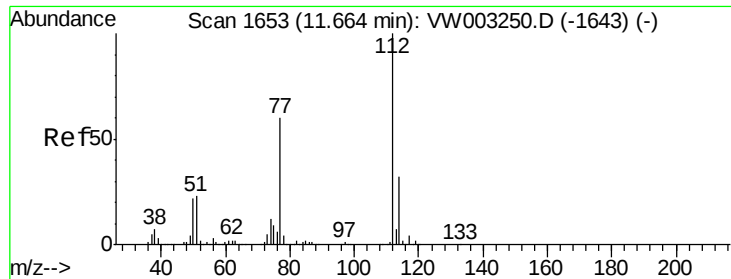
apatel
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#64
Tetrachloroethene
Concen: 70.22 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003483.D
Acq: 24 Jun 2018 02:47

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	128185		
166	129.9		102.6	154.0
129	94.3		75.2	112.8
131	91.0		75.0	112.4





#65

Chlorobenzene

Concen: 301.35 ug/l

RT: 11.66 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VW003483.D

Acq: 24 Jun 2018 02:47

Instrument :

MSVOA_W

ClientSampleId :

WP021SB487-13-15-180621MSD

Tot Ion:112 Resp: 1712780

Ion Ratio Lower Upper

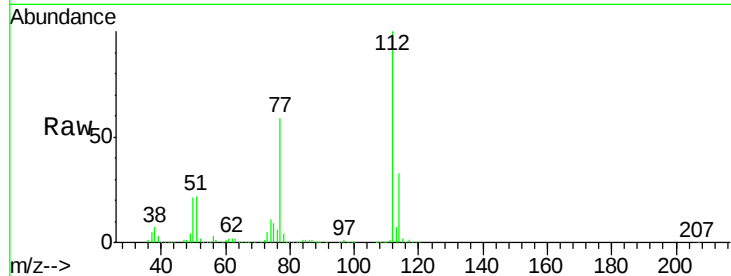
112 100

114 32.6 25.9 38.9

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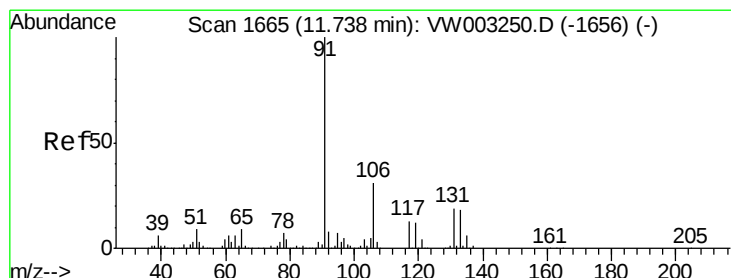
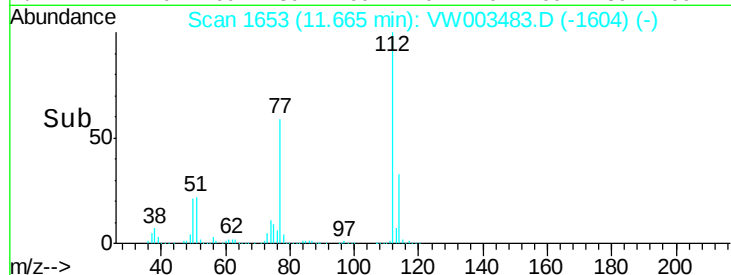
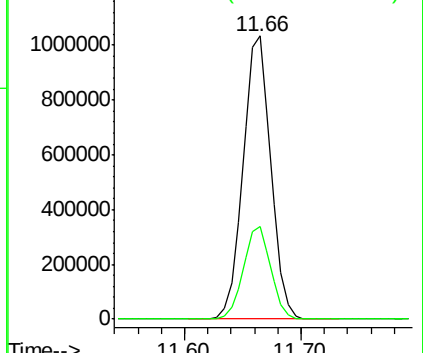
apatel

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 51.98 ug/l

RT: 11.73 min Scan# 1664

Delta R.T. -0.01 min

Lab File: VW003483.D

Acq: 24 Jun 2018 02:47

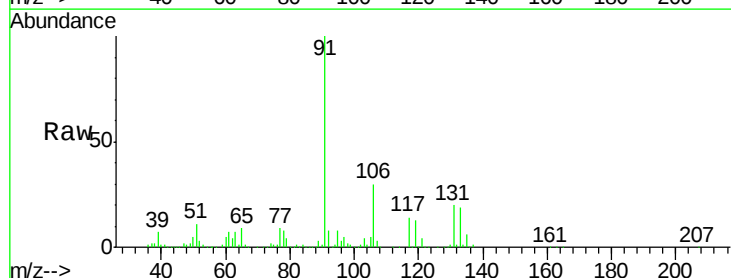
Tgt Ion:131 Resp: 103823

Ion Ratio Lower Upper

131 100

133 95.4 47.3 142.0

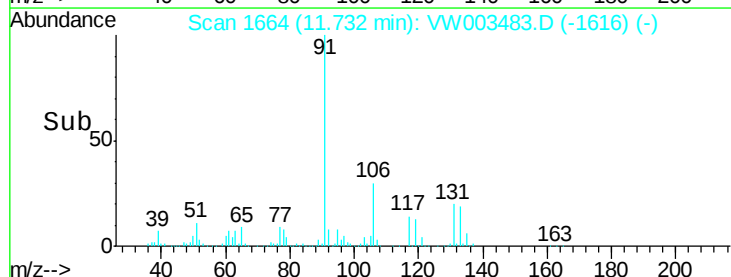
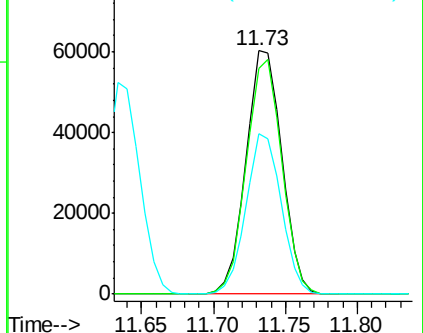
119 64.6 32.5 97.4

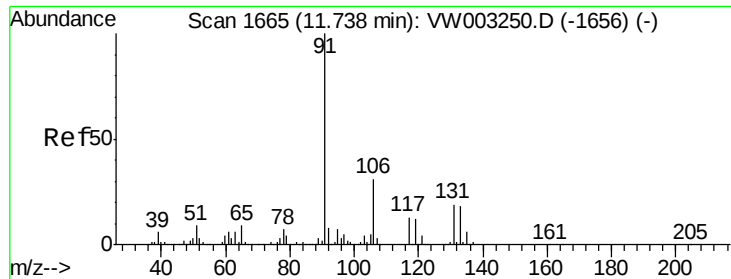


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





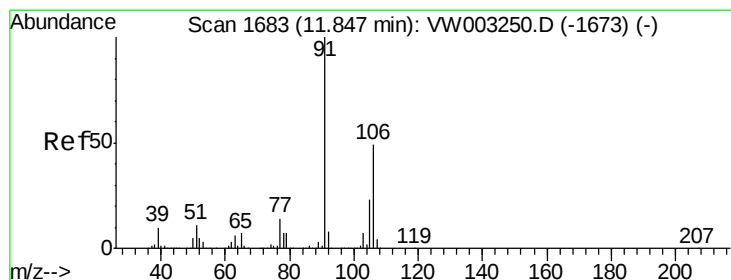
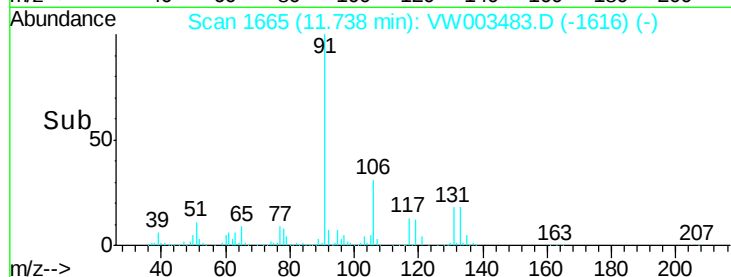
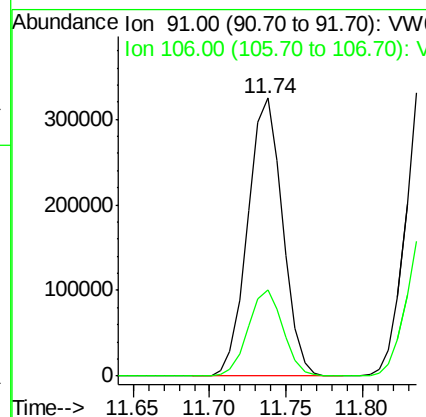
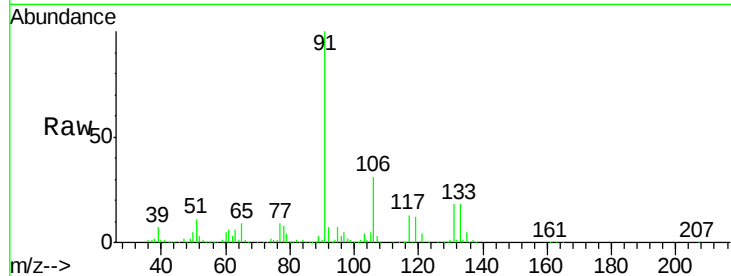
#67
Ethyl Benzene
Concen: 51.23 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003483.D
Acq: 24 Jun 2018 02:47

Instrument :
MSVOA_W
ClientSampleId :
WP021SB487-13-15-180621MSD

Tot Ion: 91 Resp: 516119
Ion Ratio Lower Upper
91 100
106 31.2 24.7 37.1

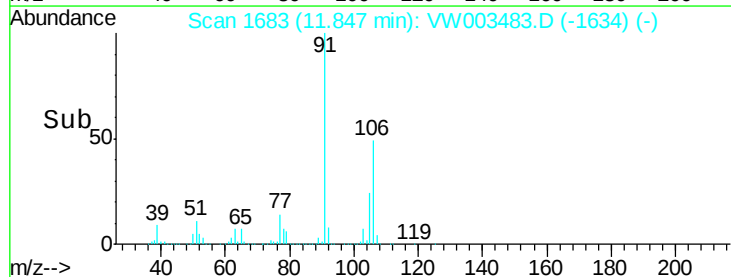
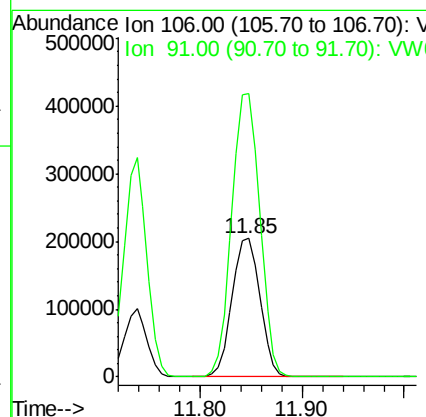
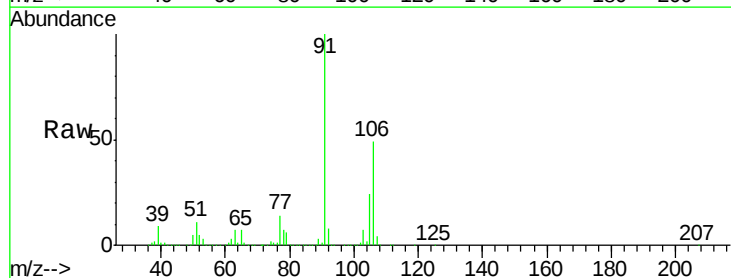
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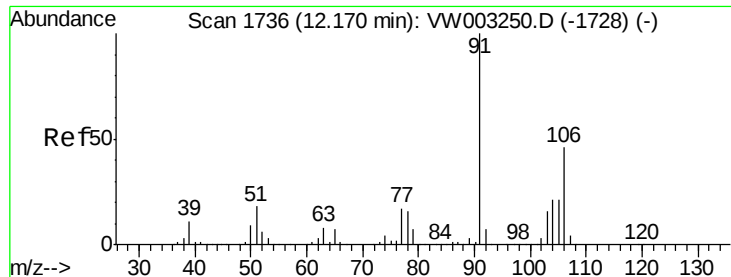
apatel
6/26/2018 11:11:17 AM



#68
m/p-Xylenes
Concen: 101.13 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW003483.D
Acq: 24 Jun 2018 02:47

Tgt Ion: 106 Resp: 387336
Ion Ratio Lower Upper
106 100
91 206.4 165.4 248.0





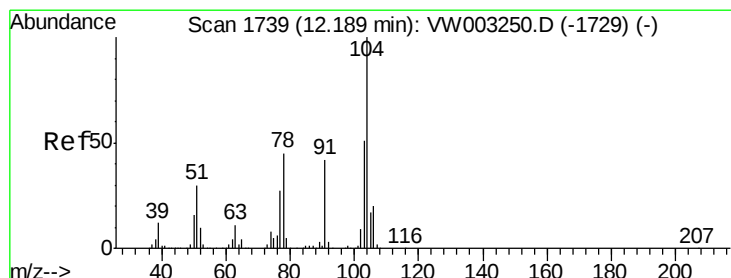
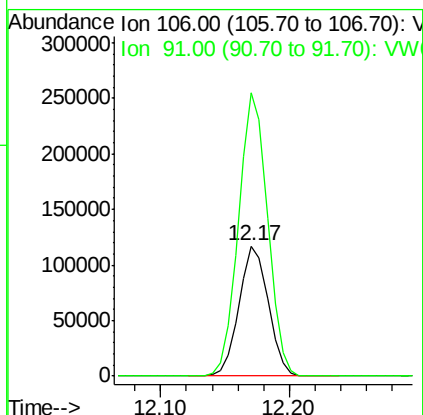
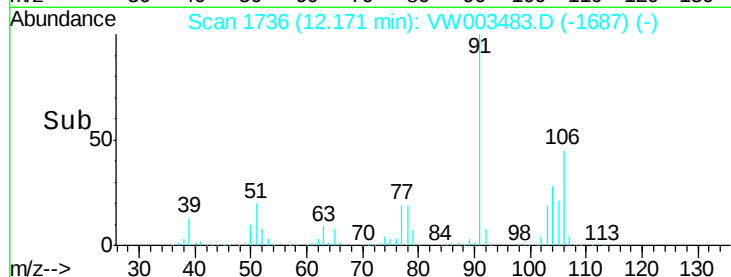
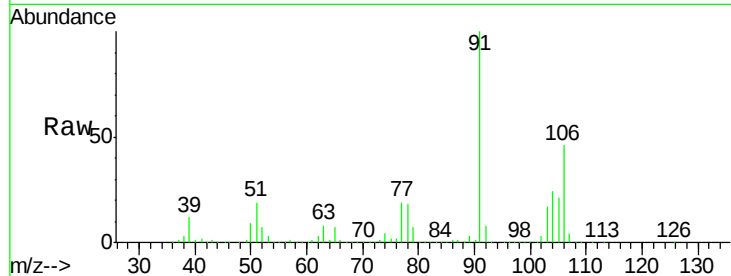
#69
o-Xylene
Concen: 51.88 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003483.D
Acq: 24 Jun 2018 02:47

Instrument :
MSVOA_W
ClientSampleId :
WP021SB487-13-15-180621MSD

Tot Ion:106 Resp: 184147
Ion Ratio Lower Upper
106 100
91 216.5 108.6 325.6

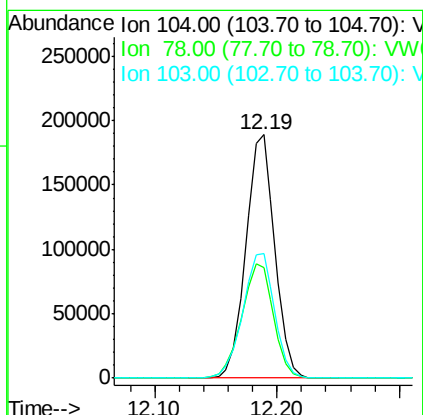
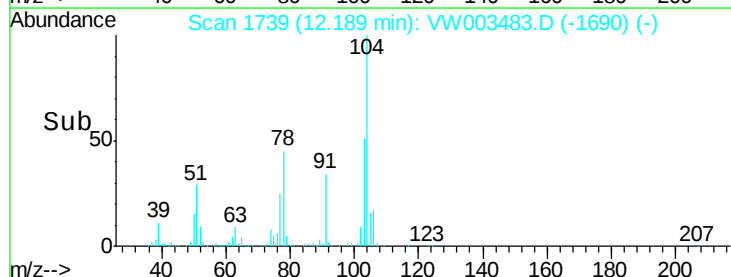
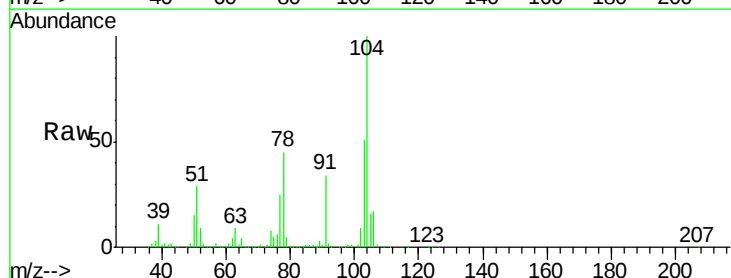
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#70
Styrene
Concen: 52.51 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW003483.D
Acq: 24 Jun 2018 02:47

Tgt Ion:104 Resp: 310243
Ion Ratio Lower Upper
104 100
78 51.4 41.3 61.9
103 56.2 45.0 67.4





#71

Bromoform

Concen: 63.30 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW003483.D

Acq: 24 Jun 2018 02:47

Instrument :

MSVOA_W

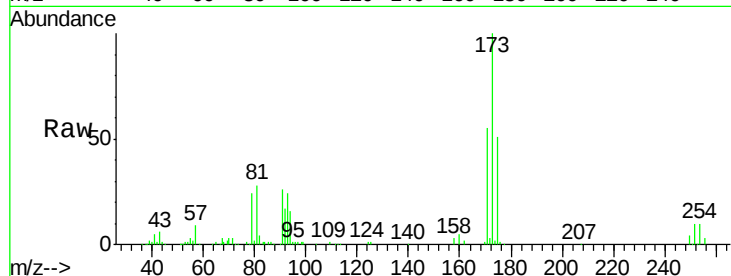
ClientSampleId :

WP021SB487-13-15-180621MSD

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.4	24.4	73.4
254	0.0	0.1	0.1

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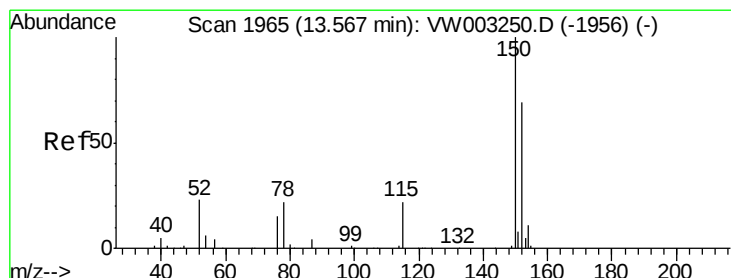
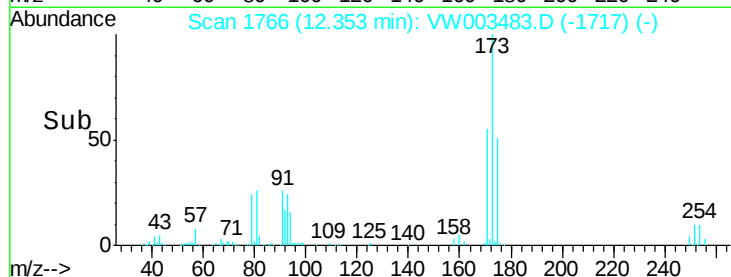
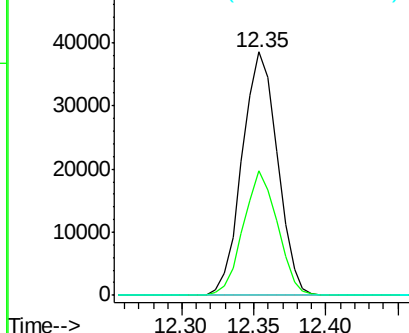


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

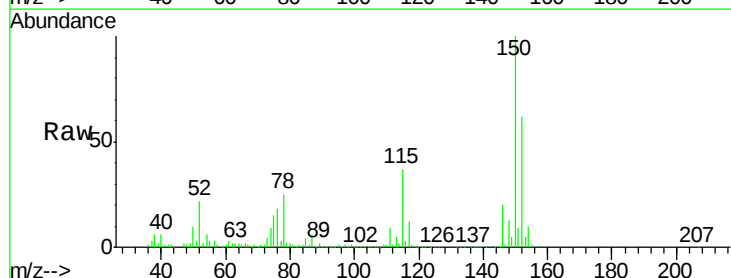
RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW003483.D

Acq: 24 Jun 2018 02:47

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.7	29.3	88.0
150	176.8	0.0	349.6

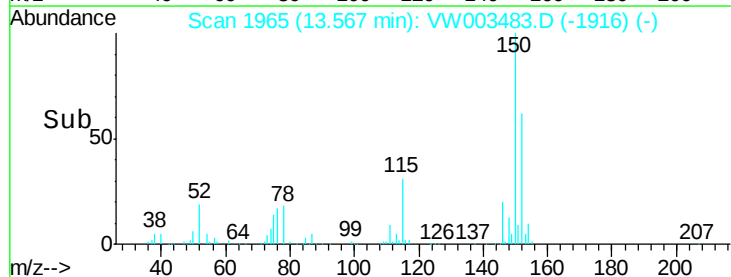
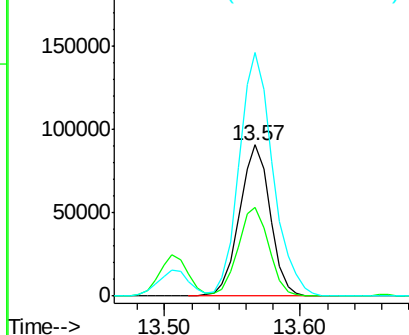


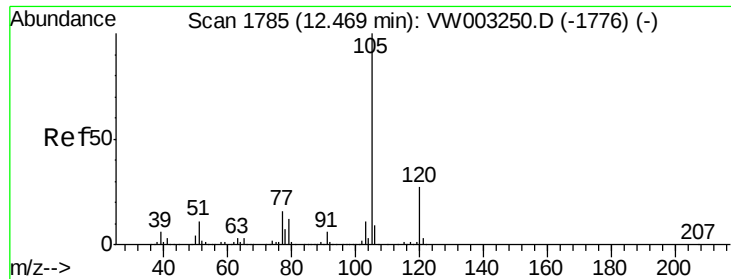
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.33 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW003483.D

Acq: 24 Jun 2018 02:47

Instrument :

MSVOA_W

ClientSampleId :

WP021SB487-13-15-180621MSD

Tot Ion: 105 Resp: 510961

Ion Ratio Lower Upper

105 100

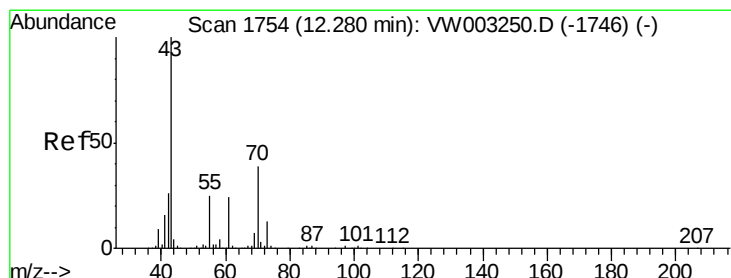
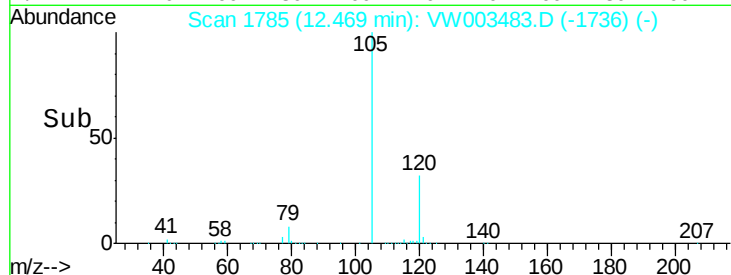
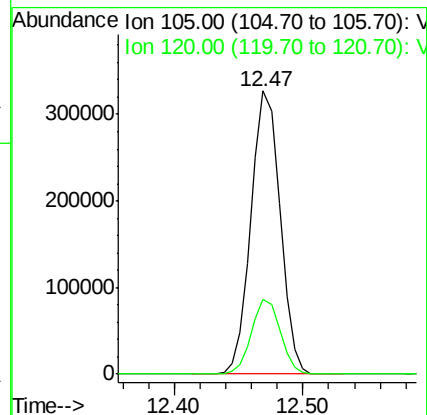
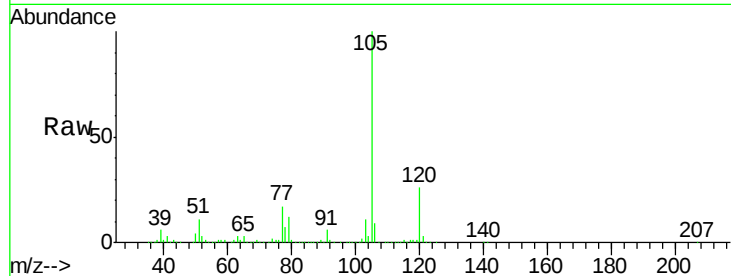
120 26.1 13.2 39.6

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#74

N-ethyl acetate

Concen: 49.50 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW003483.D

Acq: 24 Jun 2018 02:47

Tgt Ion: 43 Resp: 112155

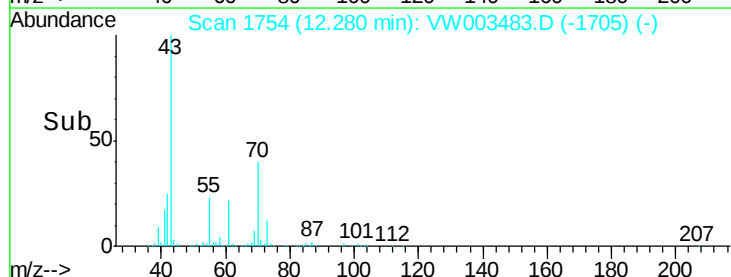
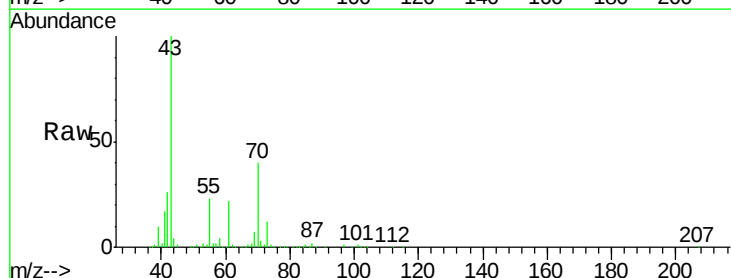
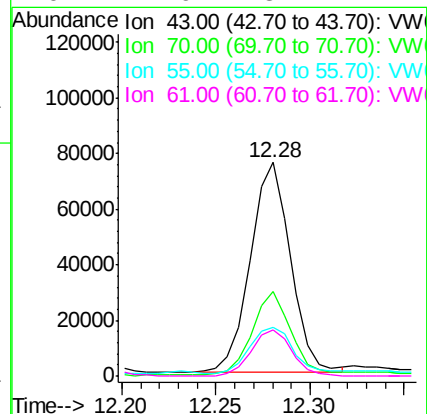
Ion Ratio Lower Upper

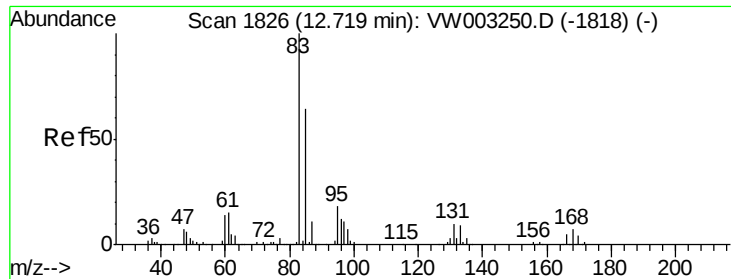
43 100

70 38.1 31.0 46.6

55 24.7 19.7 29.5

61 21.9 18.1 27.1





#75

1,1,2,2-Tetrachloroethane

Concen: 70.86 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW003483.D

Acq: 24 Jun 2018 02:47

Instrument :

MSVOA_W

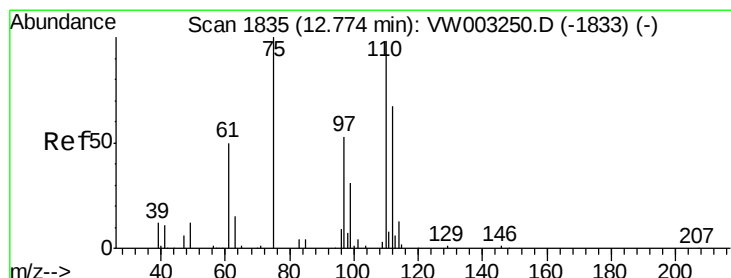
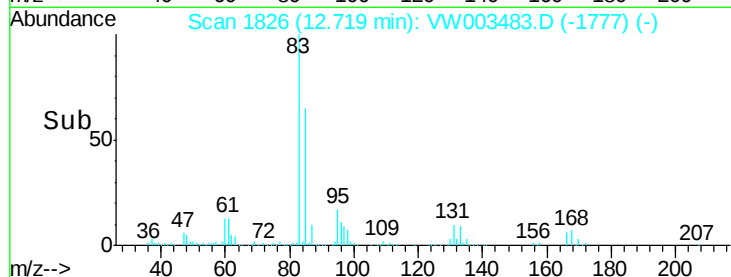
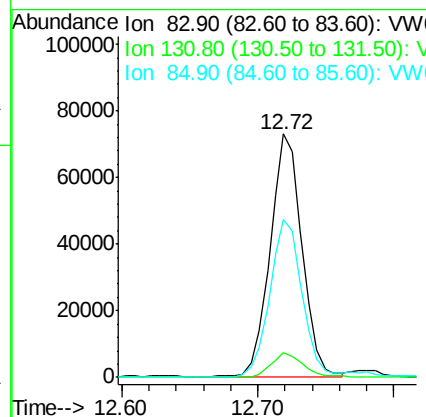
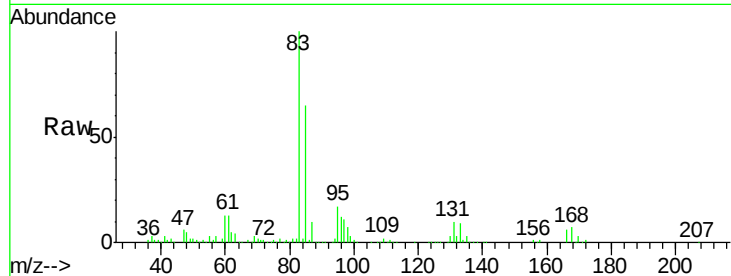
ClientSampleId :

WP021SB487-13-15-180621MSD

Tot Ion:	83	Resp:	119333
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.4	16.2
85	65.9	31.9	95.7

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#76

1,2,3-Trichloropropane

Concen: 68.36 ug/l m

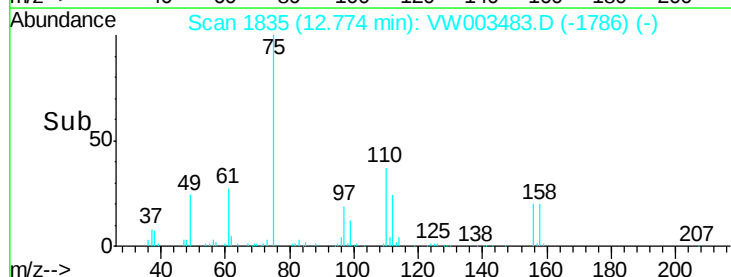
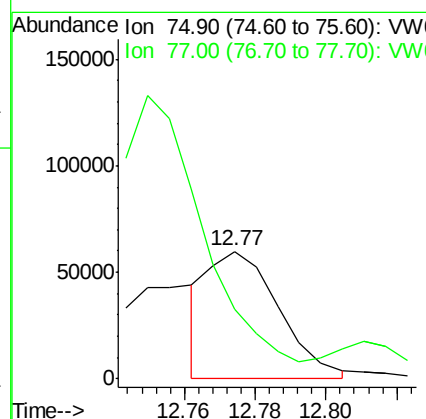
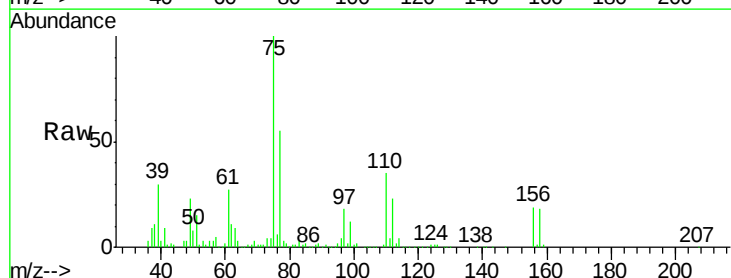
RT: 12.77 min Scan# 1835

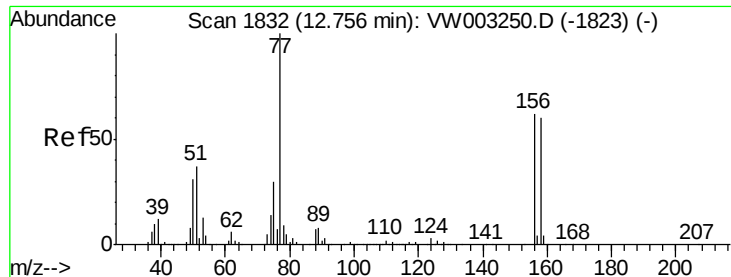
Delta R.T. 0.00 min

Lab File: VW003483.D

Acq: 24 Jun 2018 02:47

Tgt Ion:	75	Resp:	83633
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 52.78 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VW003483.D

Acq: 24 Jun 2018 02:47

Instrument :

MSVOA_W

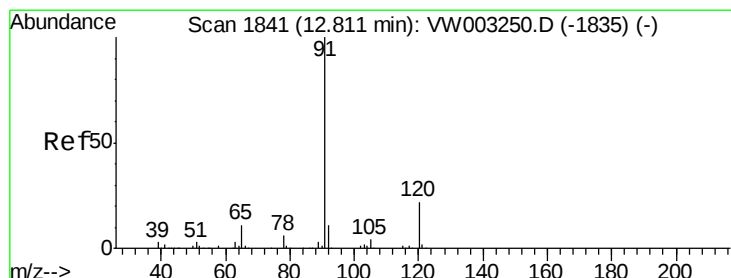
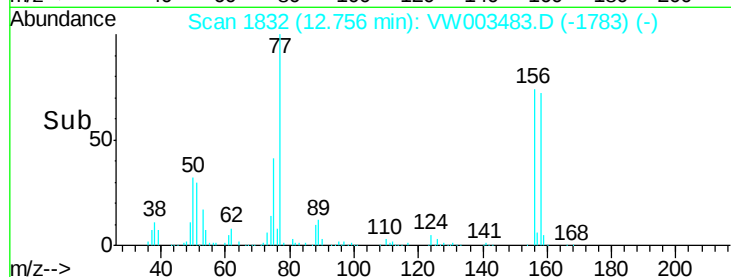
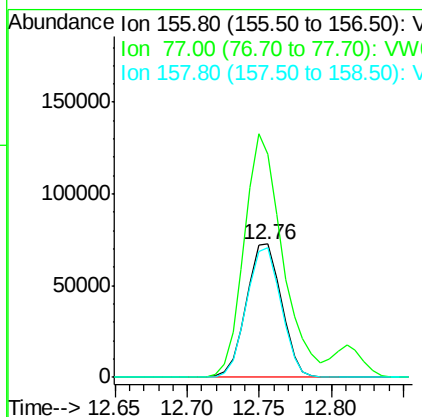
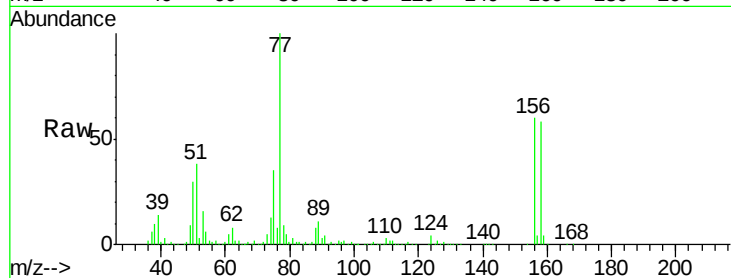
ClientSampleId :

WP021SB487-13-15-180621MSD

Tot Ion:	156	Resp:	122370
Ion Ratio	Lower	Upper	
156	100		
77	199.5	92.3	276.9
158	96.7	47.5	142.6

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#78

n-propylbenzene

Concen: 51.10 ug/l

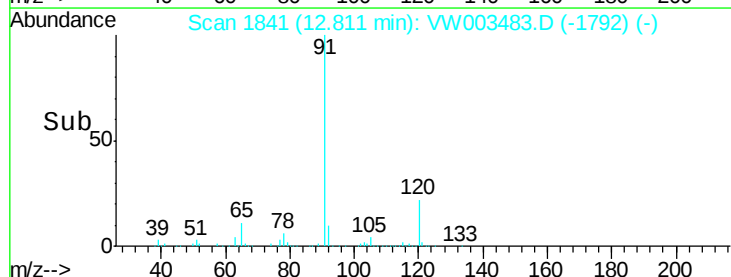
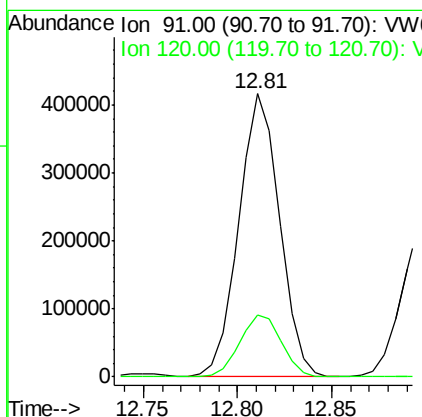
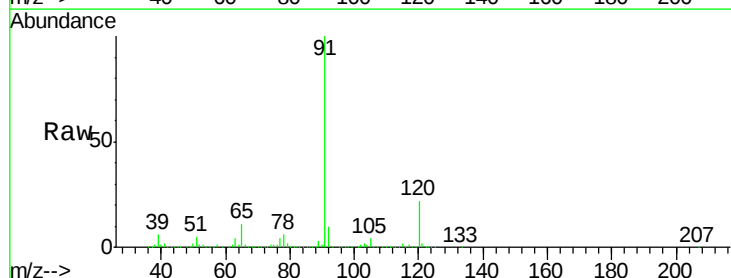
RT: 12.81 min Scan# 1841

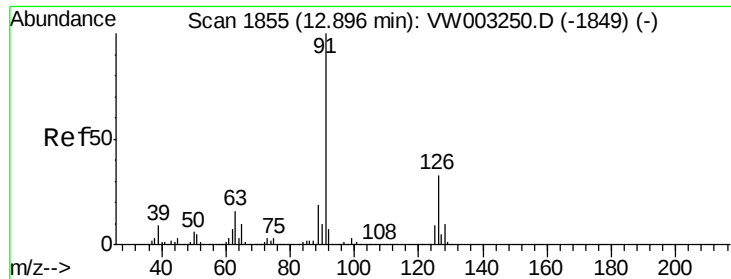
Delta R.T. 0.00 min

Lab File: VW003483.D

Acq: 24 Jun 2018 02:47

Tgt Ion:	91	Resp:	622893
Ion Ratio	Lower	Upper	
91	100		
120	22.5	11.3	33.8





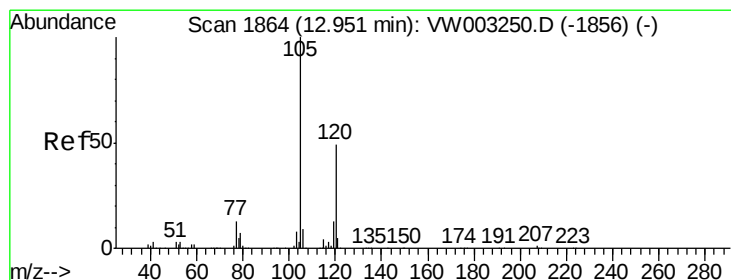
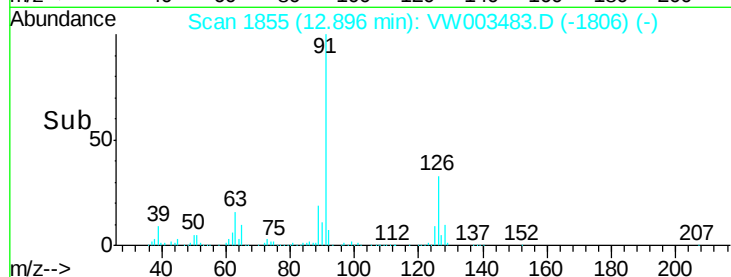
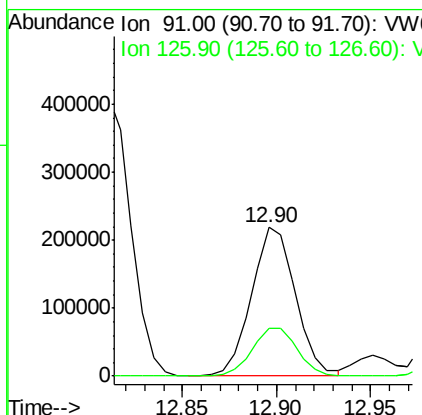
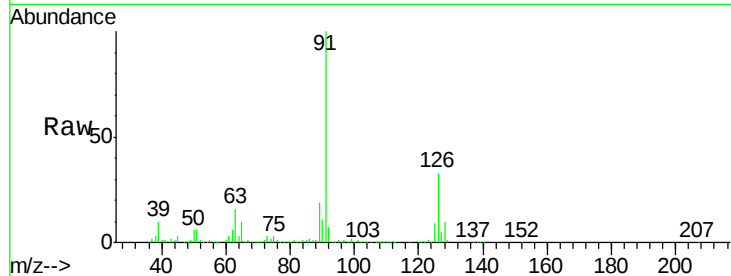
#79
 2-Chlorotoluene
 Concen: 51.35 ug/l
 RT: 12.90 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW003483.D
 Acq: 24 Jun 2018 02:47

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB487-13-15-180621MSD

Tot Ion: 91 Resp: 353689
 Ion Ratio Lower Upper
 91 100
 126 33.1 16.8 50.4

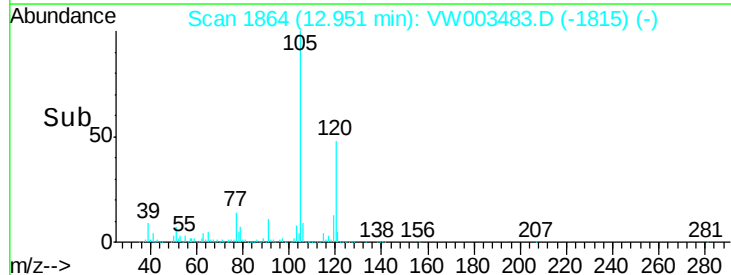
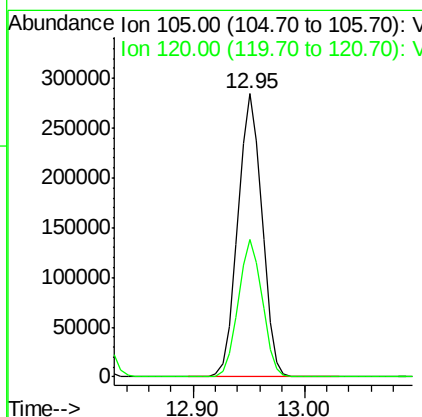
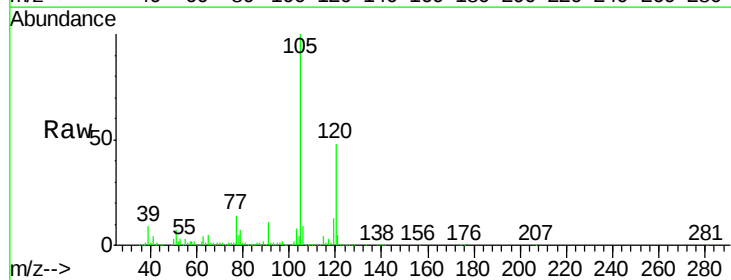
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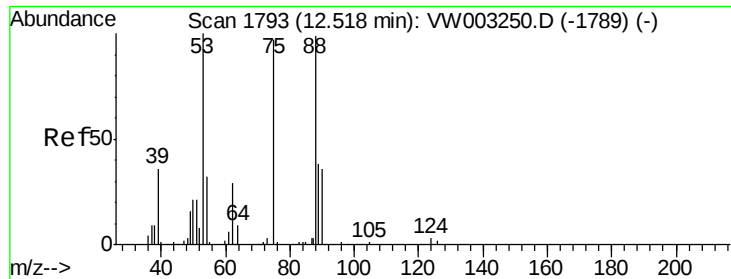
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#80
 1,3,5-Trimethylbenzene
 Concen: 51.20 ug/l
 RT: 12.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VW003483.D
 Acq: 24 Jun 2018 02:47

Tgt Ion: 105 Resp: 427785
 Ion Ratio Lower Upper
 105 100
 120 48.2 24.3 72.9





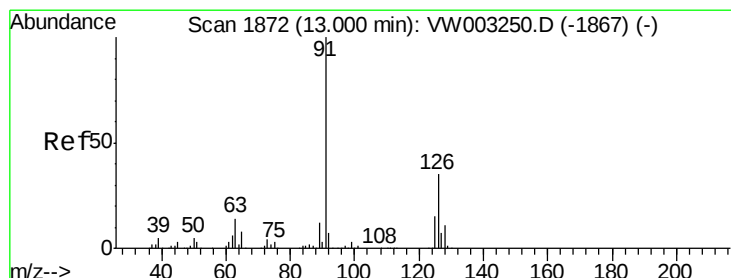
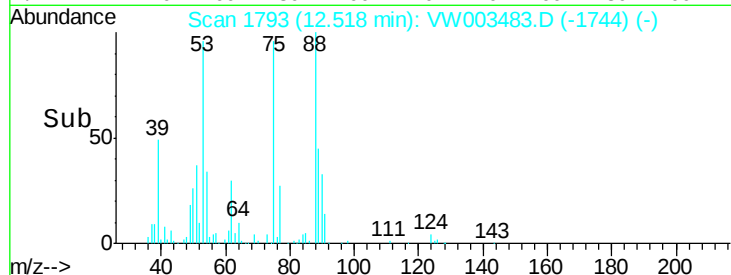
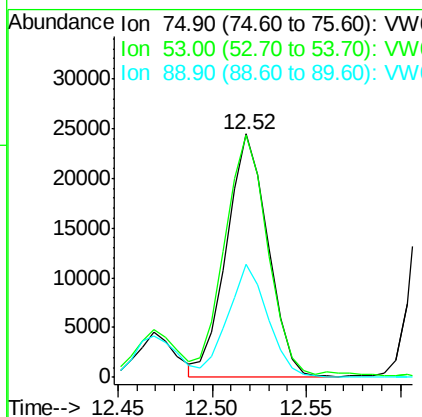
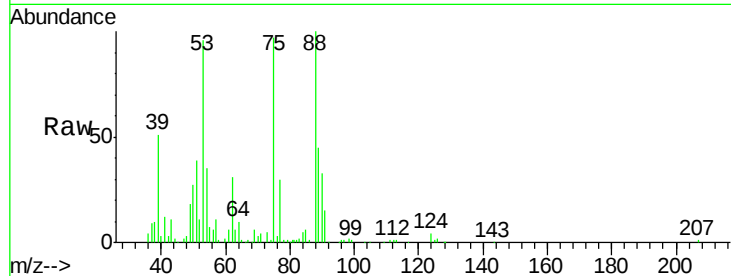
#81
trans-1,4-Dichloro-2-butene
Concen: 69.37 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VW003483.D
Acq: 24 Jun 2018 02:47

Instrument :
MSVOA_W
ClientSampleId :
WP021SB487-13-15-180621MSD

Tot Ion	Ratio	Lower	Upper
75	100		
53	103.9	82.9	124.3
89	45.2	36.7	55.1

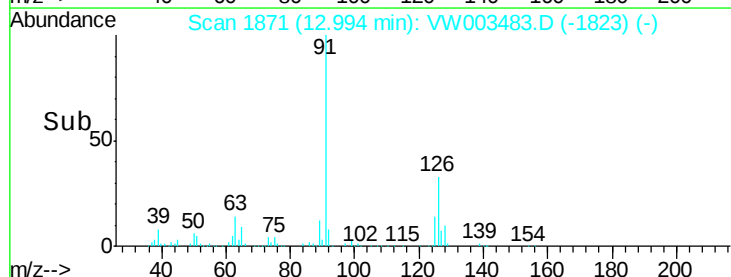
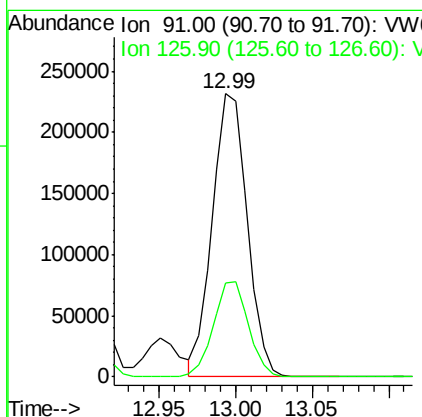
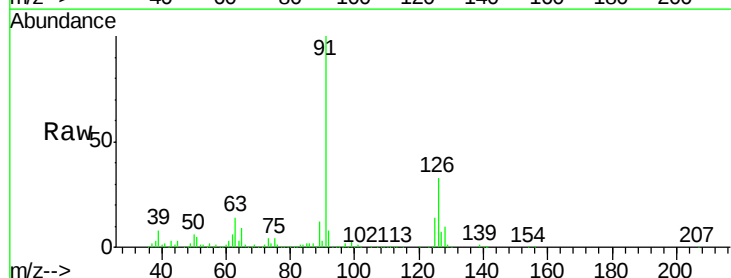
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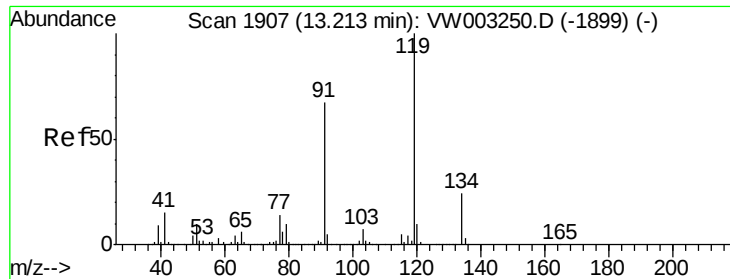
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#82
4-Chlorotoluene
Concen: 50.15 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. -0.01 min
Lab File: VW003483.D
Acq: 24 Jun 2018 02:47

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.8	16.8	50.3





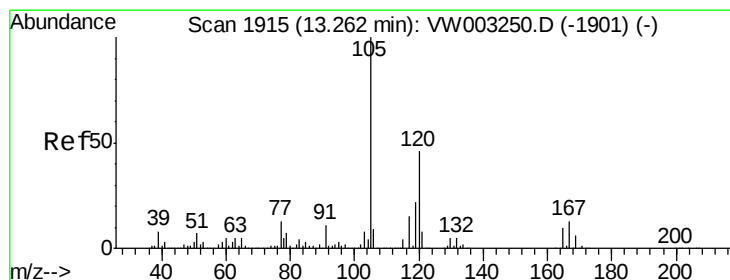
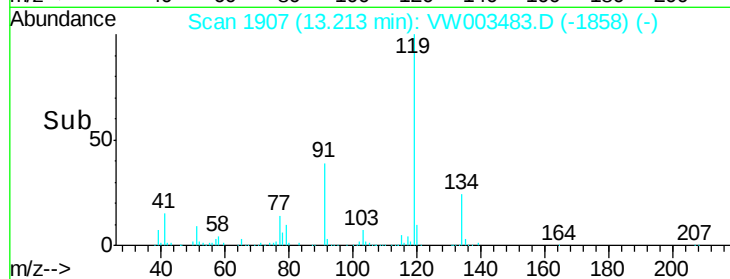
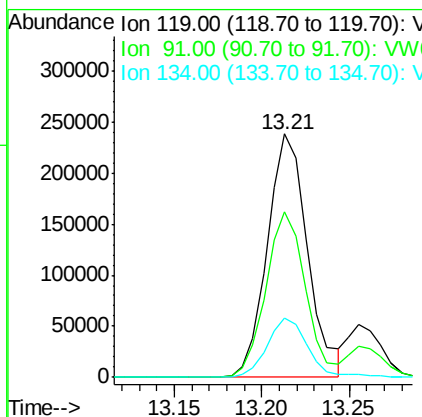
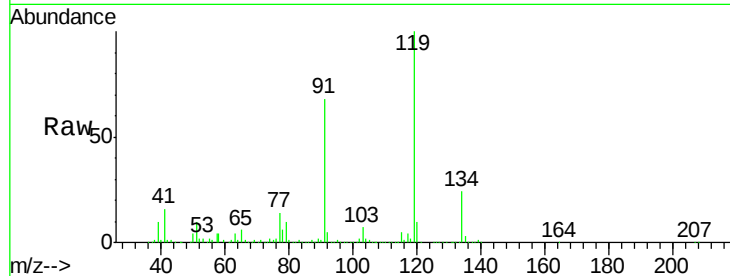
#83
tert-Butylbenzene
Concen: 53.70 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. 0.00 min
Lab File: VW003483.D
Acq: 24 Jun 2018 02:47

Instrument :
MSVOA_W
ClientSampleId :
WP021SB487-13-15-180621MSD

Tot Ion	Ratio	Lower	Upper
119	100		
91	67.0	33.9	101.7
134	24.7	13.4	40.1

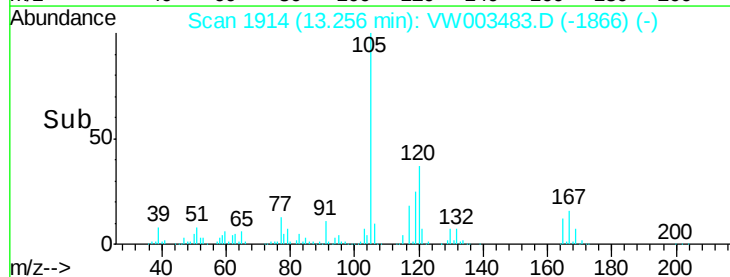
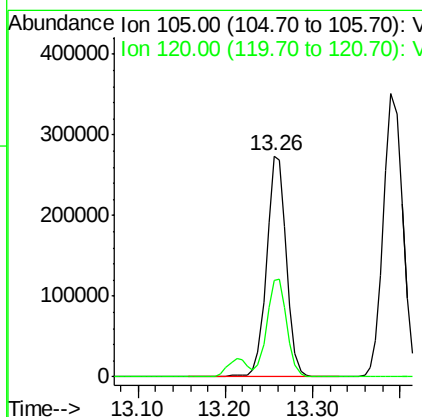
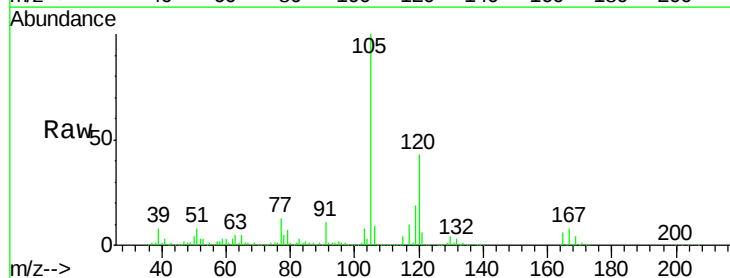
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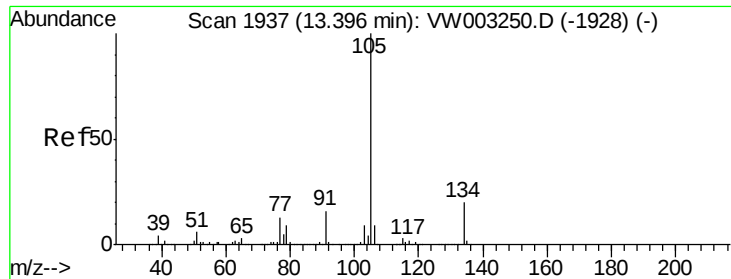
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#84
1,2,4-Trimethylbenzene
Concen: 50.70 ug/l
RT: 13.26 min Scan# 1914
Delta R.T. -0.01 min
Lab File: VW003483.D
Acq: 24 Jun 2018 02:47

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.5	22.5	67.5





#85

sec-Butylbenzene

Concen: 50.73 ug/l

RT: 13.39 min Scan# 1936

Delta R.T. -0.01 min

Lab File: VW003483.D

Acq: 24 Jun 2018 02:47

Instrument :

MSVOA_W

ClientSampleId :

WP021SB487-13-15-180621MSD

Tot Ion:105 Resp: 536971

Ion Ratio Lower Upper

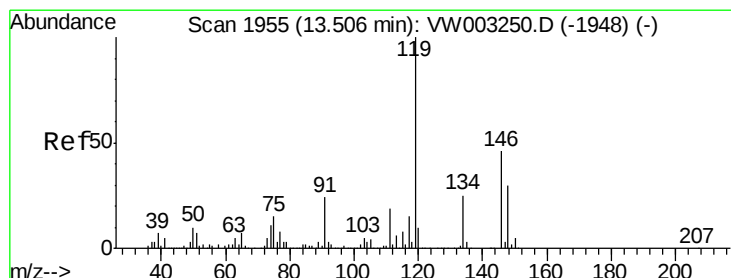
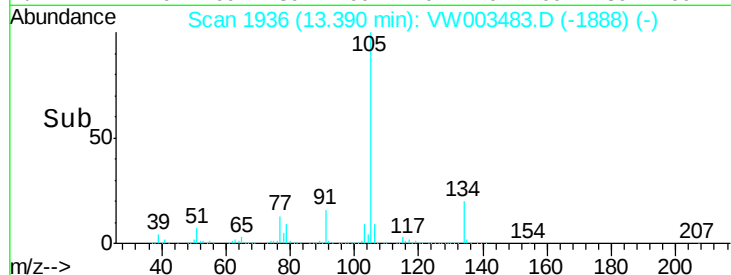
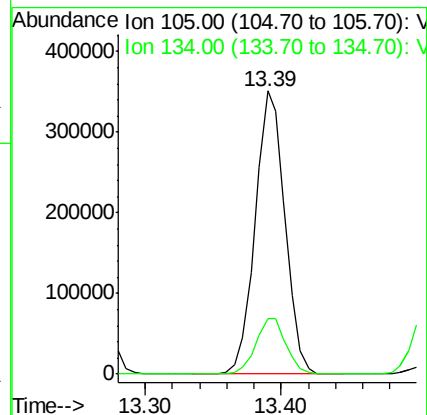
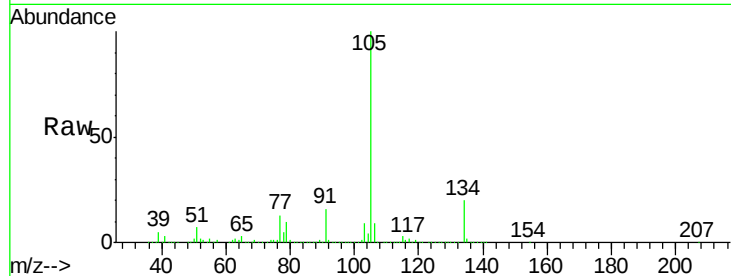
105 100

134 19.9 9.8 29.5

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#86

p-Isopropyltoluene

Concen: 49.87 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW003483.D

Acq: 24 Jun 2018 02:47

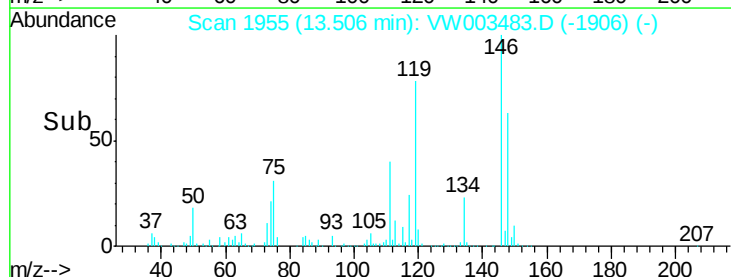
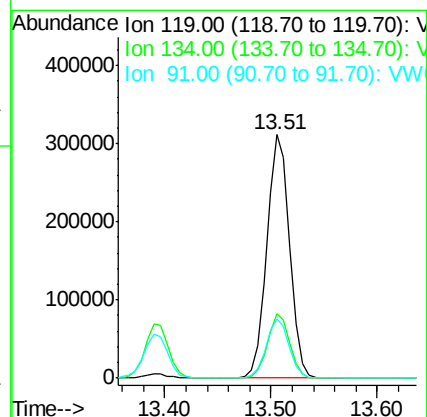
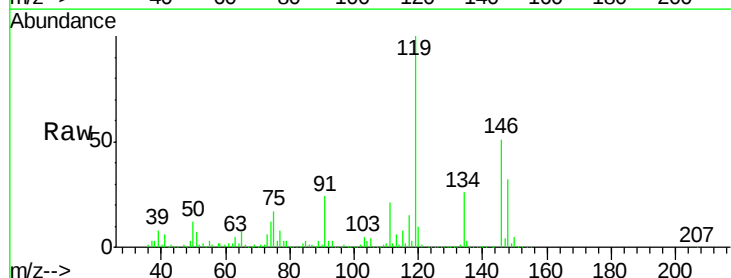
Tgt Ion:119 Resp: 465591

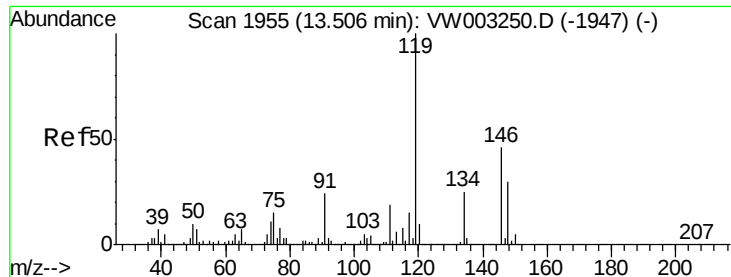
Ion Ratio Lower Upper

119 100

134 26.0 12.9 38.7

91 24.0 11.8 35.3





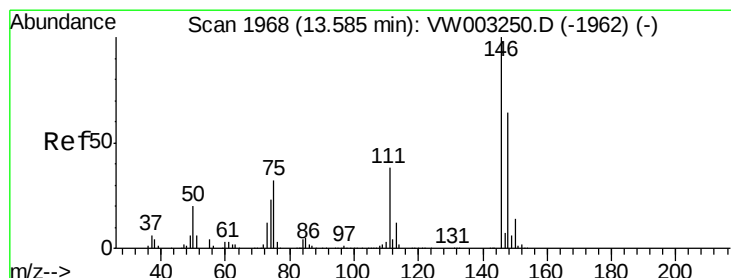
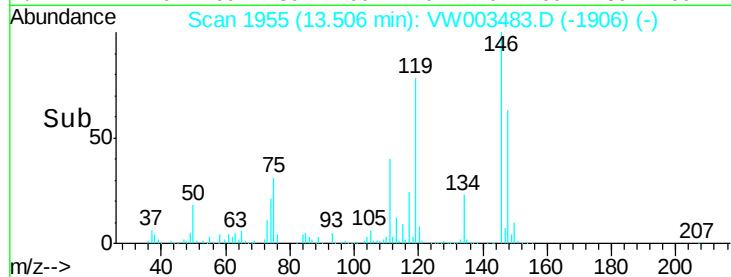
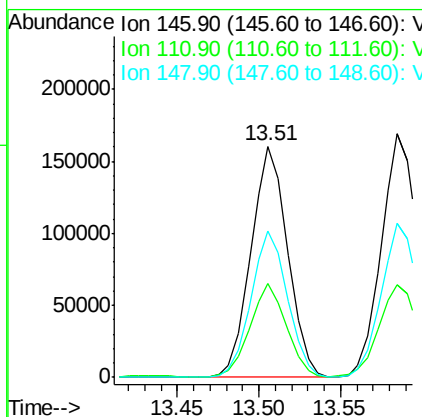
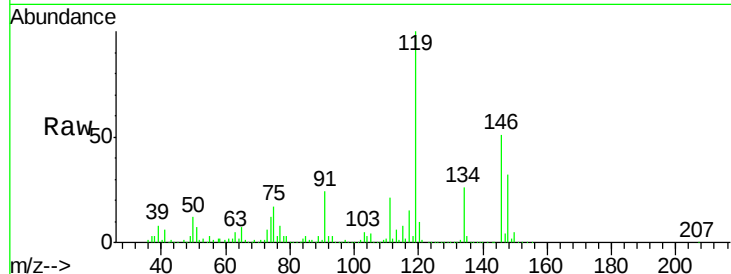
#87
 1,3-Dichlorobenzene
 Concen: 52.56 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003483.D
 Acq: 24 Jun 2018 02:47

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB487-13-15-180621MSD

Tot Ion	Ratio	Resp	Lower	Upper
146	100	250303		
111	40.1	19.8	59.4	
148	62.9	32.1	96.5	

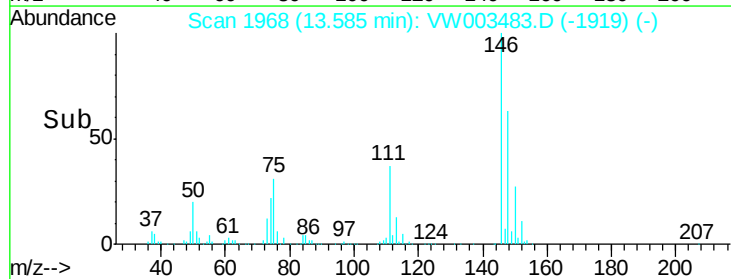
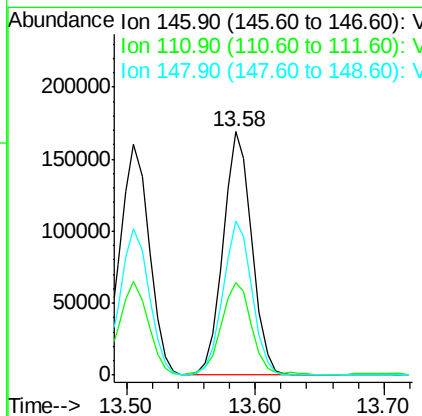
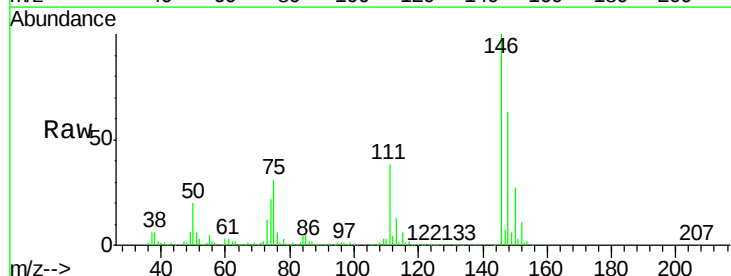
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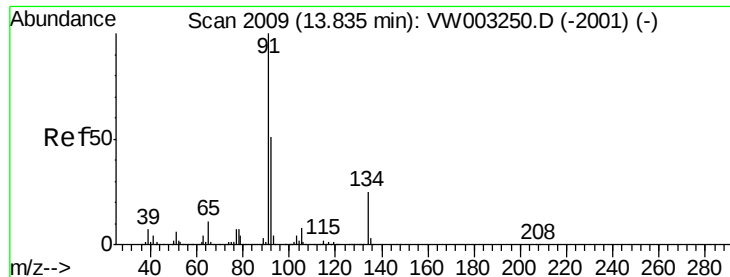
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#88
 1,4-Dichlorobenzene
 Concen: 55.61 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW003483.D
 Acq: 24 Jun 2018 02:47

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	263307		
111	39.9	19.2	57.6	
148	64.0	31.8	95.4	





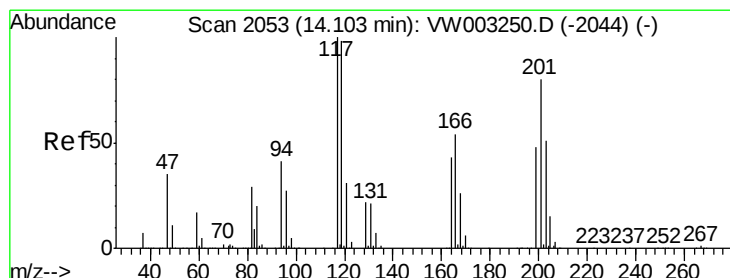
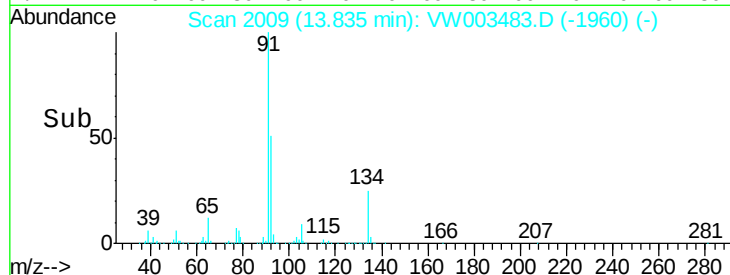
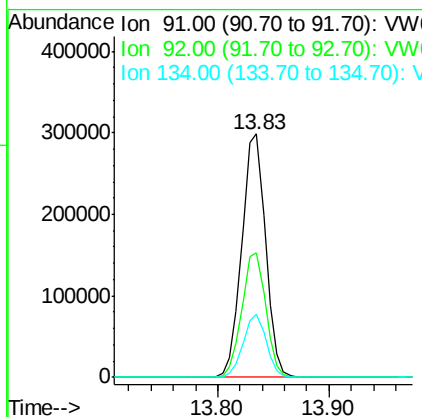
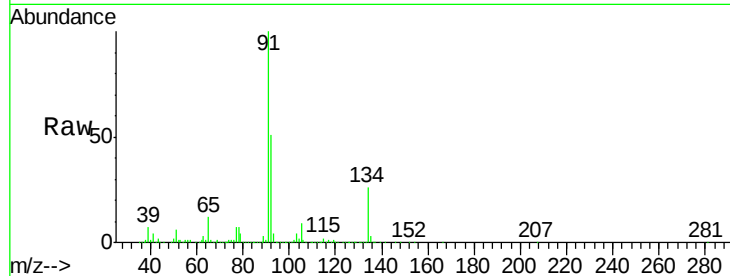
#89
n-Butylbenzene
Concen: 48.55 ug/l
RT: 13.83 min Scan# 2009
Delta R.T. 0.00 min
Lab File: VW003483.D
Acq: 24 Jun 2018 02:47

Instrument :
MSVOA_W
ClientSampleId :
WP021SB487-13-15-180621MSD

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.7	26.0	78.0
134	25.3	12.7	38.0

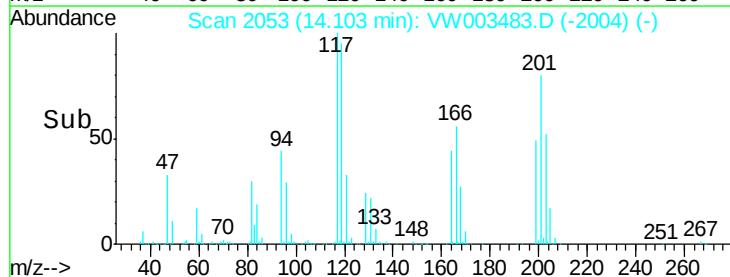
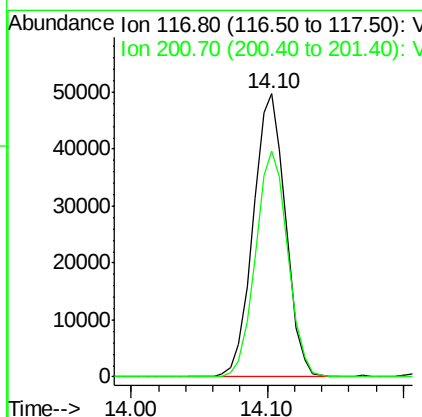
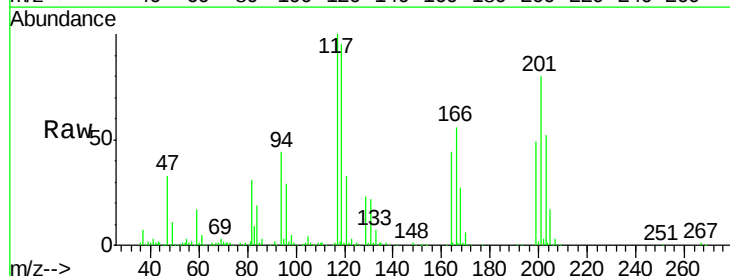
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#90
Hexachloroethane
Concen: 49.18 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.00 min
Lab File: VW003483.D
Acq: 24 Jun 2018 02:47

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.2	39.5	118.5





#91

1,2-Dichlorobenzene

Concen: 67.23 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. 0.00 min

Lab File: VW003483.D

Acq: 24 Jun 2018 02:47

Instrument :

MSVOA_W

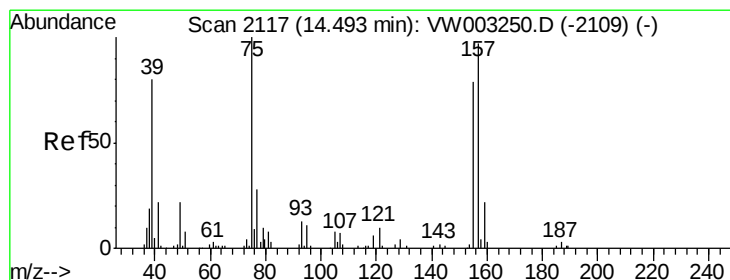
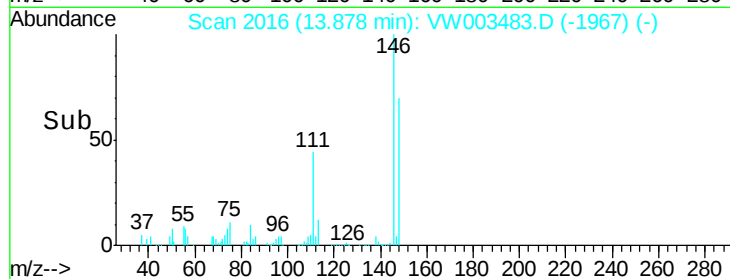
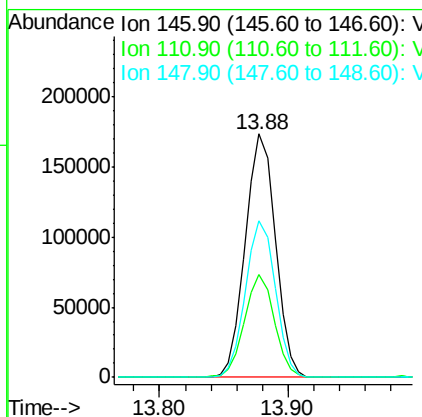
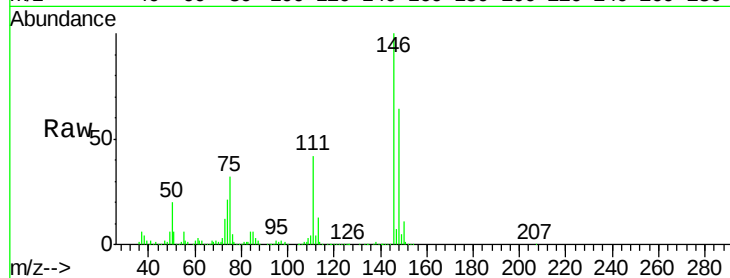
ClientSampleId :

WP021SB487-13-15-180621MSD

Tot Ion:	146	Resp:	280450
Ion Ratio		Lower	Upper
146	100		
111	41.6	20.3	61.0
148	64.0	32.3	96.9

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#92

1,2-Dibromo-3-Chloropropane

Concen: 80.33 ug/l

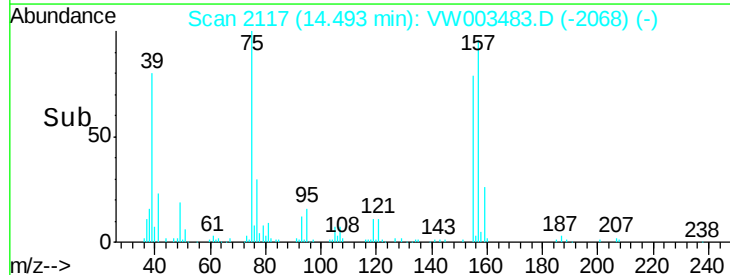
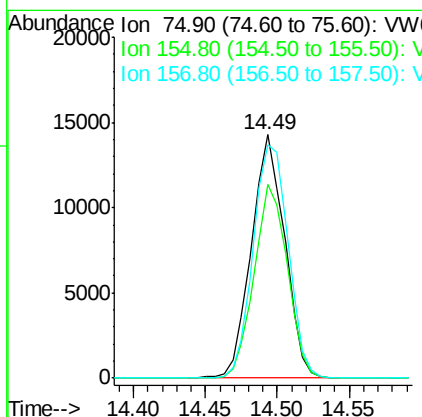
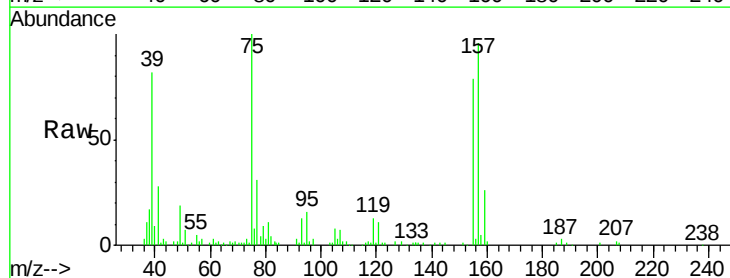
RT: 14.49 min Scan# 2117

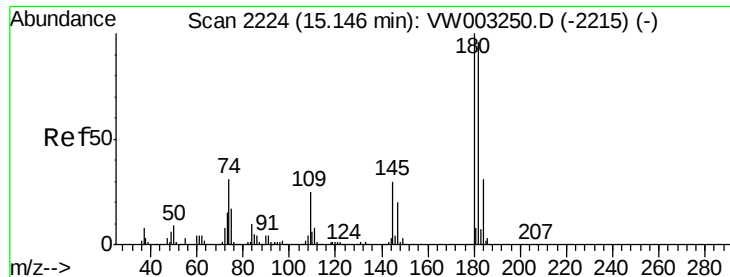
Delta R.T. 0.00 min

Lab File: VW003483.D

Acq: 24 Jun 2018 02:47

Tgt Ion:	75	Resp:	22767
Ion Ratio		Lower	Upper
75	100		
155	79.5	39.4	118.2
157	100.8	51.5	154.5





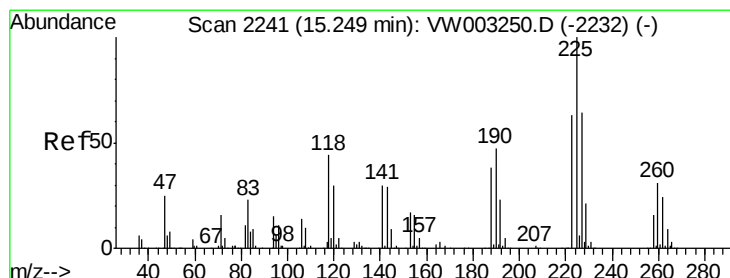
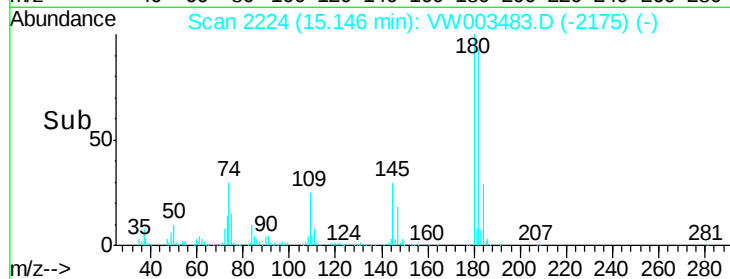
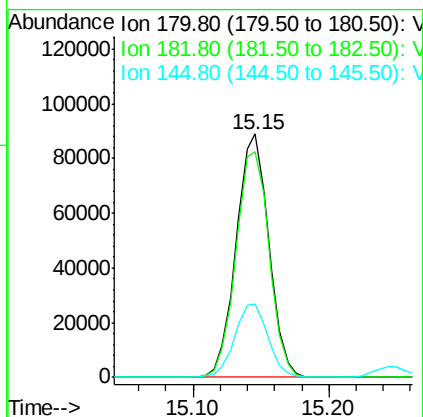
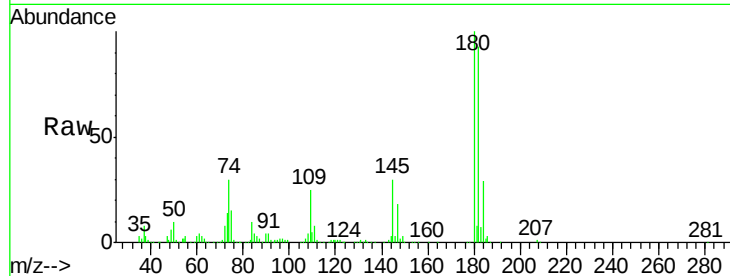
#93
 1,2,4-Trichlorobenzene
 Concen: 50.70 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW003483.D
 Acq: 24 Jun 2018 02:47

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB487-13-15-180621MSD

Tot Ion	Ratio	Resp	Lower	Upper
180	100	148486		
182	94.8	47.9	143.6	
145	30.9	15.2	45.5	

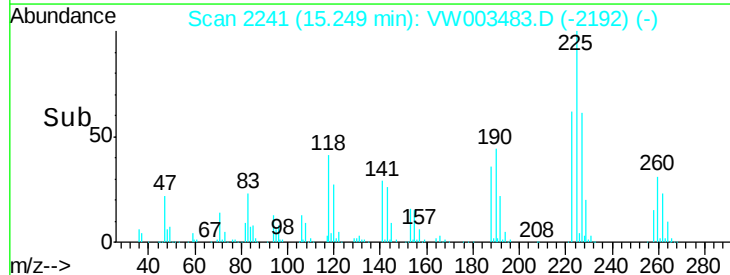
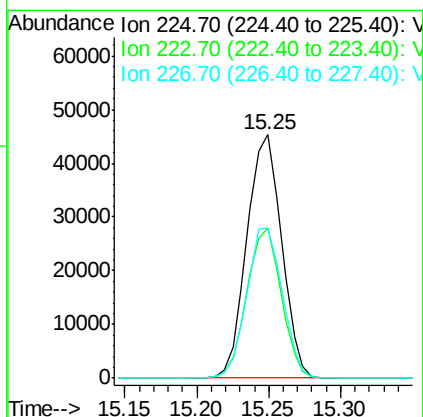
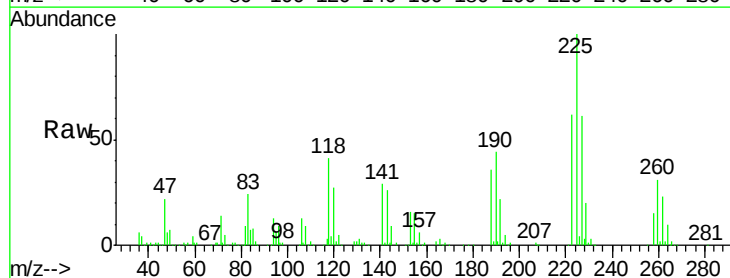
Manual Integrations
 APPROVED

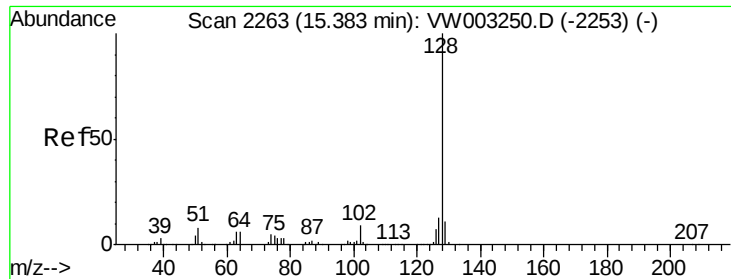
apatel
 6/26/2018 11:11:17 AM



#94
 Hexachlorobutadiene
 Concen: 42.92 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: VW003483.D
 Acq: 24 Jun 2018 02:47

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	75611		
223	61.1	30.6	92.0	
227	63.0	31.7	95.1	





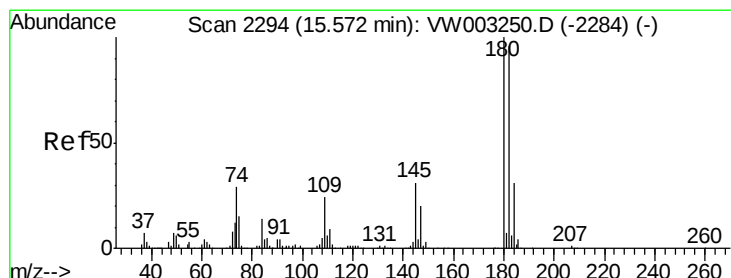
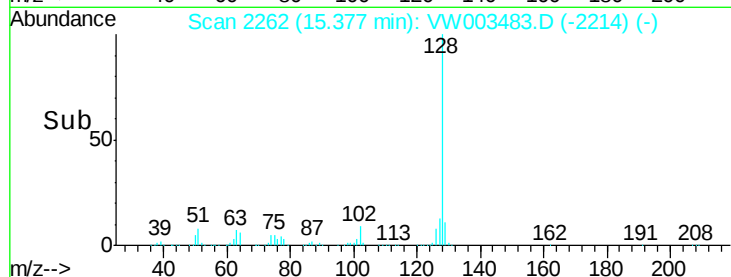
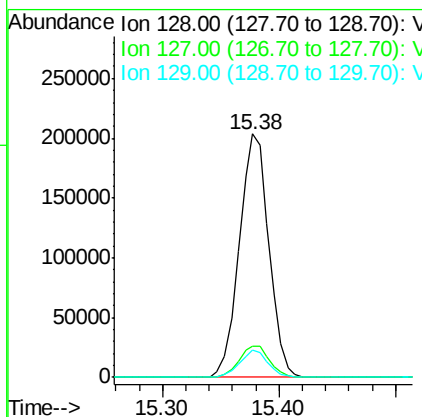
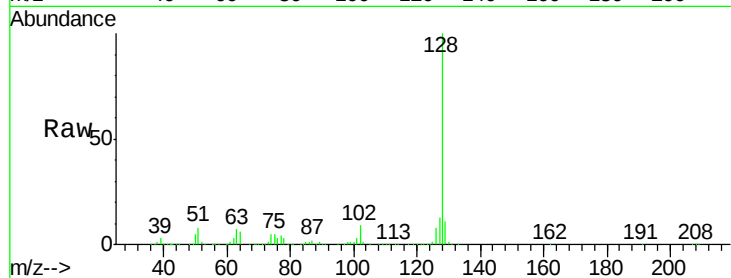
#95
Naphthalene
Concen: 72.29 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. -0.01 min
Lab File: VW003483.D
Acq: 24 Jun 2018 02:47

Instrument :
MSVOA_W
ClientSampleId :
WP021SB487-13-15-180621MSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	359114		
127	13.4	10.5	15.7	
129	10.9	8.9	13.3	

Manual Integrations
APPROVED

apatel
6/26/2018 11:11:17 AM



#96
1,2,3-Trichlorobenzene
Concen: 53.81 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. -0.01 min
Lab File: VW003483.D
Acq: 24 Jun 2018 02:47

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	138726		
182	96.0	47.9	143.6	
145	32.3	15.8	47.4	

