

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062418\
 Data File : VW003515.D
 Acq On : 24 Jun 2018 17:14
 Operator : SY/AP
 Sample : J3669-17
 Misc : 6.14G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DUP-0483-180620

Manual Integrations
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Quant Time: Jun 26 14:56:18 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	168534	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	292075	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	255822	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	131007	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	109662	60.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.14%	
35) Dibromofluoromethane	7.88	113	92210	50.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.62%	
50) Toluene-d8	10.33	98	321655	44.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.40%	
62) 4-Bromofluorobenzene	12.62	95	126988	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	

Target Compounds

						Qvalue
4) Vinyl Chloride	2.36	62	31276	16.67	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.05	101	18304	11.72	ug/l	90
12) 1,1-Dichloroethene	4.03	96	1034282	677.93	ug/l	98
16) Acetone	4.14	43	21221	55.43	ug/l	91
20) Methylene Chloride	4.91	84	377414	246.49	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	3457	2.08	ug/l	96
24) 1,1-Dichloroethane	6.21	63	25512m	8.08	ug/l	
27) cis-1,2-Dichloroethene	7.17	96	3455773	1894.62	ug/l	93
30) Chloroform	7.68	83	83453	25.94	ug/l	95
40) Benzene	8.32	78	43679	5.62	ug/l	97
42) 1,2-Dichloroethane	8.40	62	14522m	5.96	ug/l	
44) Trichloroethene	9.09	130	42570930m	20663.37	ug/l	
51) 4-Methyl-2-Pentanone	10.22	43	175874	148.75	ug/l	99
52) Toluene	10.40	92	5123603	1027.63	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	51651	36.16	ug/l	99
64) Tetrachloroethene	10.87	164	38719	22.63	ug/l	95
65) Chlorobenzene	11.66	112	336566	63.18	ug/l	100
67) Ethyl Benzene	11.74	91	53419	5.66	ug/l	98
68) m/p-Xylenes	11.84	106	71515	19.92	ug/l	100
69) o-Xylene	12.17	106	27247	8.19	ug/l	98
70) Styrene	12.19	104	106904	19.31	ug/l	94
73) Isopropylbenzene	12.47	105	11100	1.22	ug/l	98
78) n-propylbenzene	12.81	91	22636	2.03	ug/l	97
80) 1,3,5-Trimethylbenzene	12.95	105	59355	7.76	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	149692	19.03	ug/l	99
85) sec-Butylbenzene	13.39	105	15815	1.63	ug/l #	48
86) p-Isopropyltoluene	13.51	119	11411	1.34	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	122533	28.11	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	461871	106.57	ug/l	99
89) n-Butylbenzene	13.83	91	12089	1.45	ug/l #	78
91) 1,2-Dichlorobenzene	13.88	146	2389213	625.66	ug/l	99
93) 1,2,4-Trichlorobenzene	15.15	180	7804	2.91	ug/l #	87
95) Naphthalene	15.38	128	130896	28.78	ug/l	98

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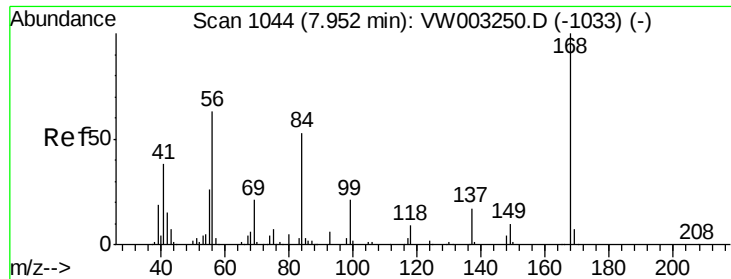
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Quant Time: Jun 26 14:56:18 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = 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: VW003515.D

Acq: 24 Jun 2018 17:14

Instrument :

MSVOA_W

ClientSampleId :

DUP-0483-180620

Tot Ion:168 Resp: 168534

Ion Ratio Lower Upper

168 100

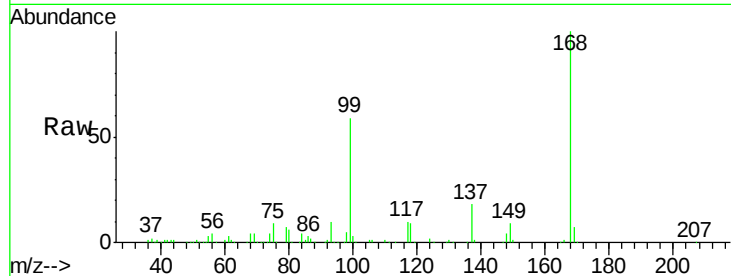
99 58.8 45.5 68.3

Manual Integrations

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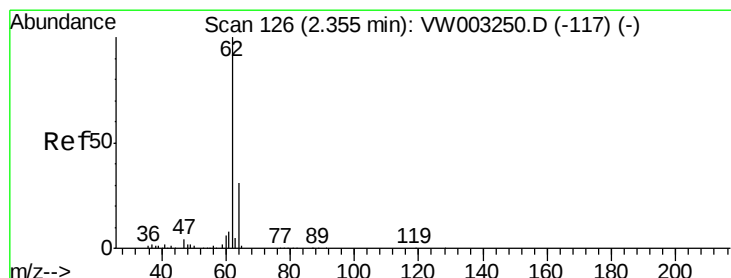
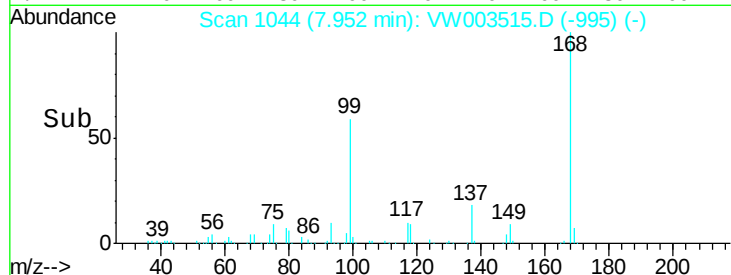
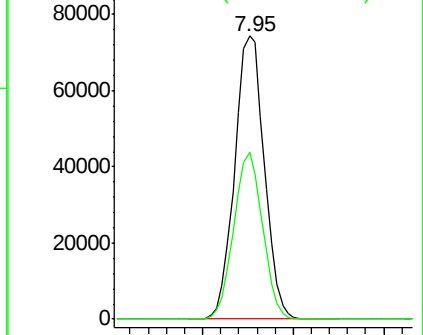
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Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#4

Vinyl Chloride

Concen: 16.67 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW003515.D

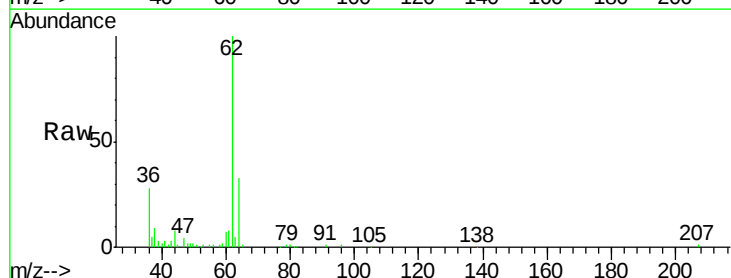
Acq: 24 Jun 2018 17:14

Tgt Ion: 62 Resp: 31276

Ion Ratio Lower Upper

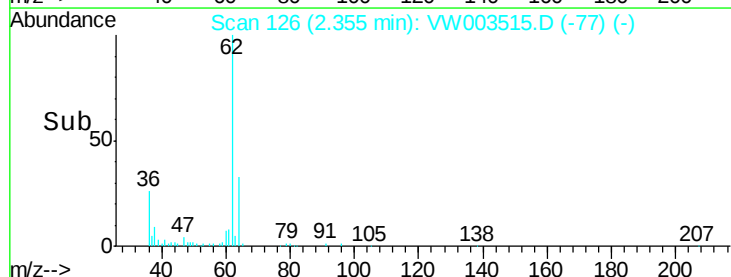
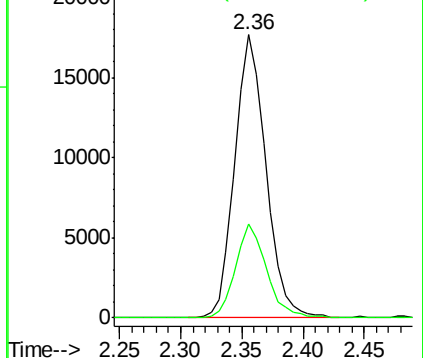
62 100

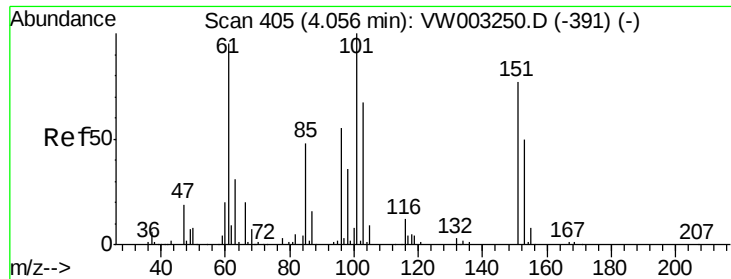
64 33.1 24.9 37.3



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#9

1,1,2-Trichlorotrifluoroethane

Concen: 11.72 ug/l

RT: 4.05 min Scan# 404

Delta R.T. -0.01 min

Lab File: VW003515.D

Acq: 24 Jun 2018 17:14

Instrument :

MSVOA_W

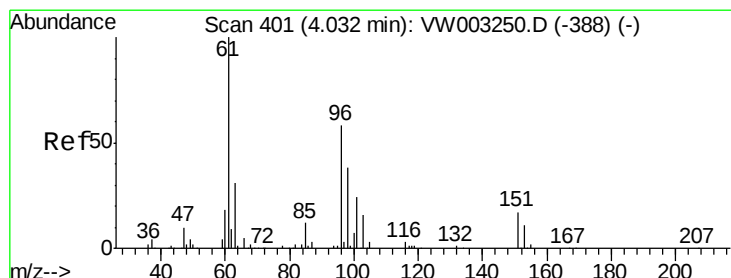
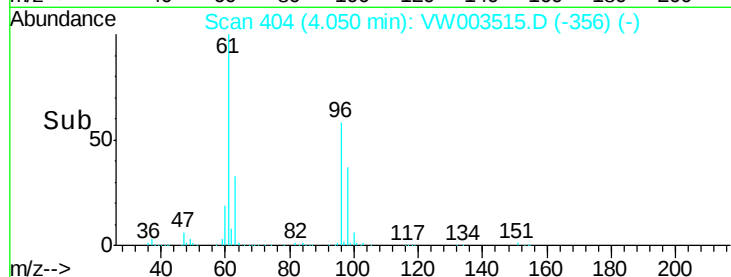
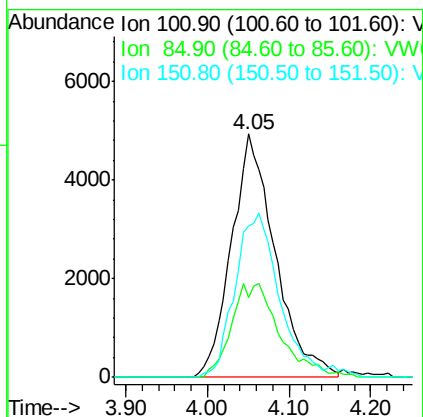
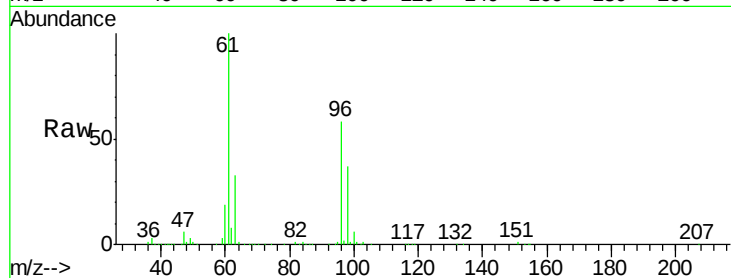
ClientSampleId :

DUP-0483-180620

Tot Ion:	101	Resp:	18304
Ion Ratio	Lower	Upper	
101	100		
85	42.6	37.0	55.6
151	68.0	63.3	94.9

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#12

1,1-Dichloroethene

Concen: 677.93 ug/l

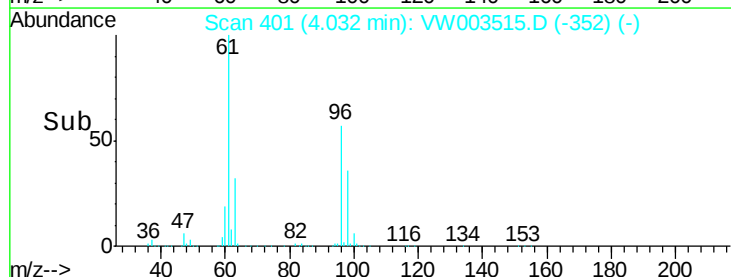
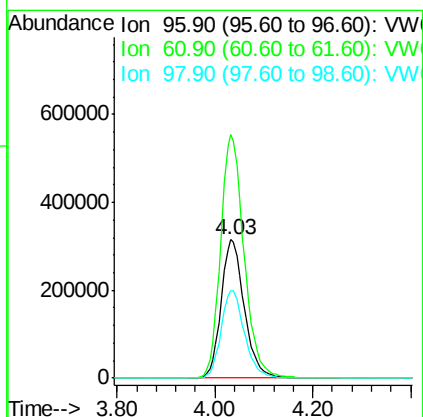
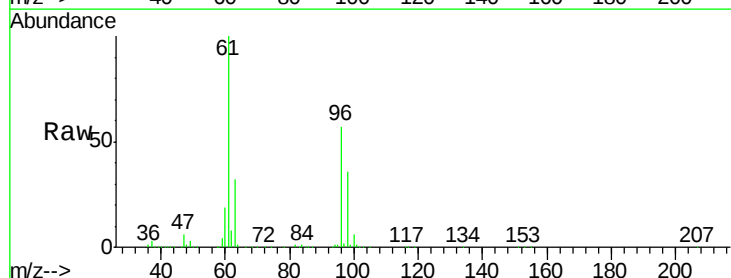
RT: 4.03 min Scan# 401

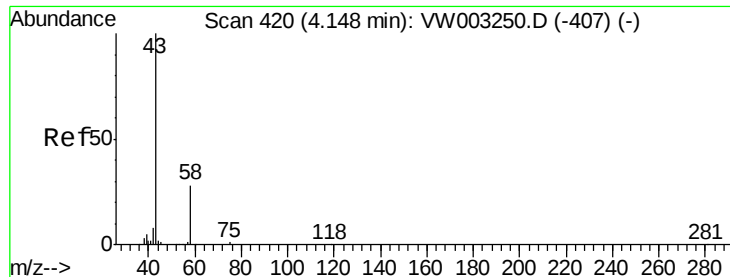
Delta R.T. 0.00 min

Lab File: VW003515.D

Acq: 24 Jun 2018 17:14

Tgt Ion:	96	Resp:	1034282
Ion Ratio	Lower	Upper	
96	100		
61	176.3	139.0	208.4
98	63.7	53.3	79.9





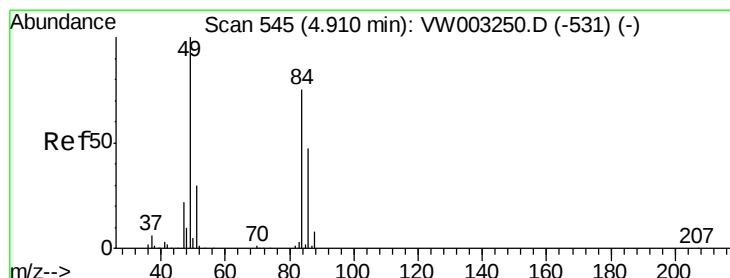
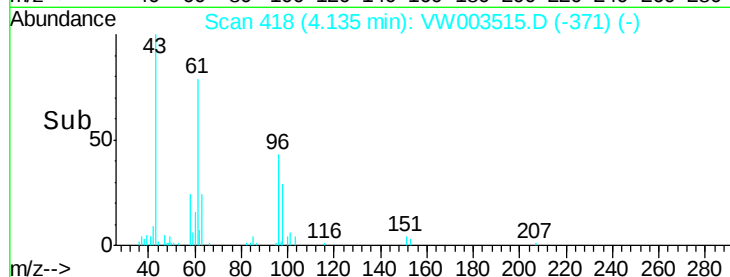
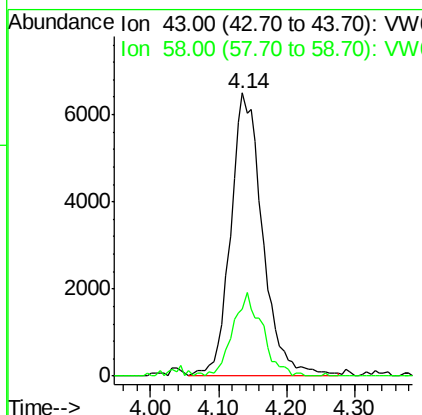
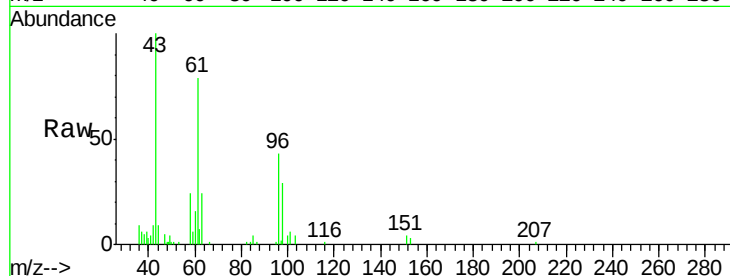
#16
Acetone
Concen: 55.43 ug/l
RT: 4.14 min Scan# 418
Delta R.T. -0.01 min
Lab File: VW003515.D
Acq: 24 Jun 2018 17:14

Instrument :
MSVOA_W
ClientSampleId :
DUP-0483-180620

Tot Ion: 43 Resp: 21221
Ion Ratio Lower Upper
43 100
58 23.8 22.6 34.0

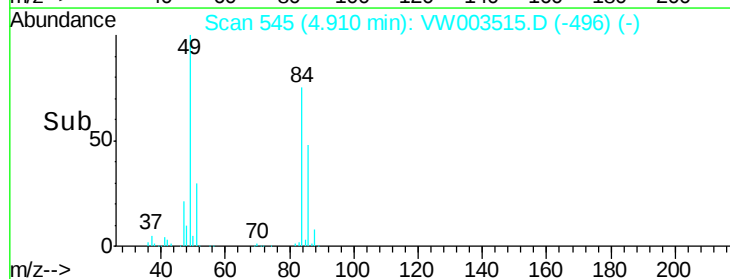
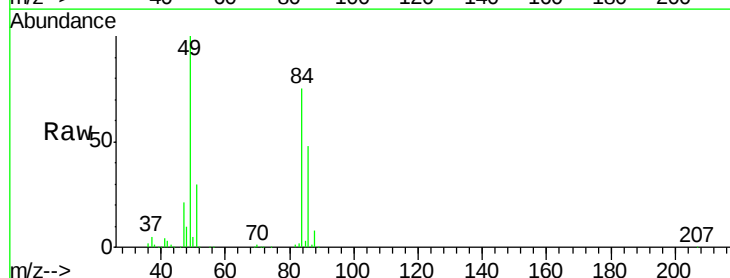
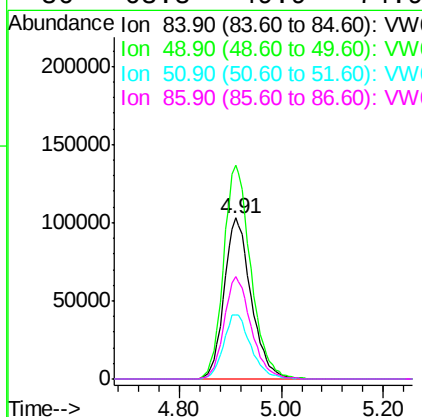
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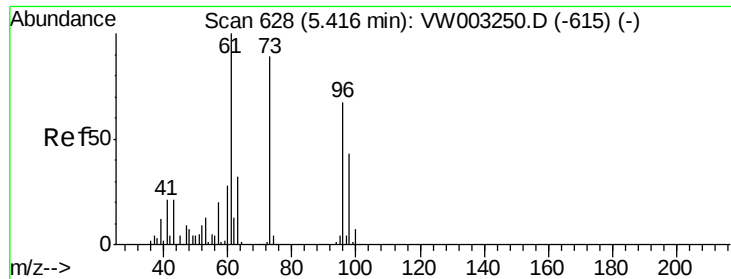
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#20
Methylene Chloride
Concen: 246.49 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003515.D
Acq: 24 Jun 2018 17:14

Tgt Ion: 84 Resp: 377414
Ion Ratio Lower Upper
84 100
49 132.7 106.3 159.5
51 39.8 32.0 48.0
86 63.8 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 2.08 ug/l

RT: 5.42 min Scan# 629

Delta R.T. 0.01 min

Lab File: VW003515.D

Acq: 24 Jun 2018 17:14

Instrument :

MSVOA_W

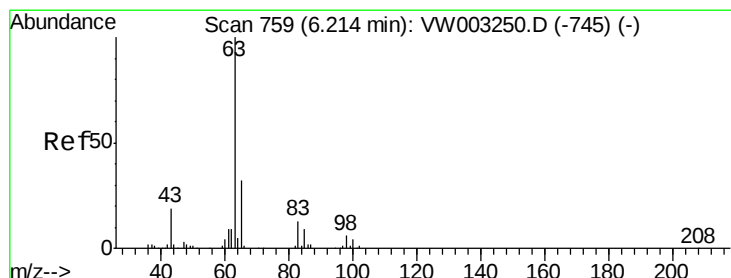
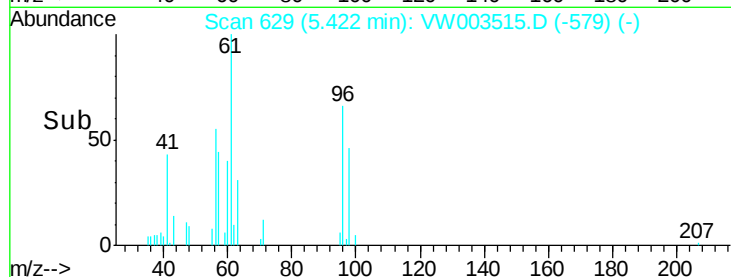
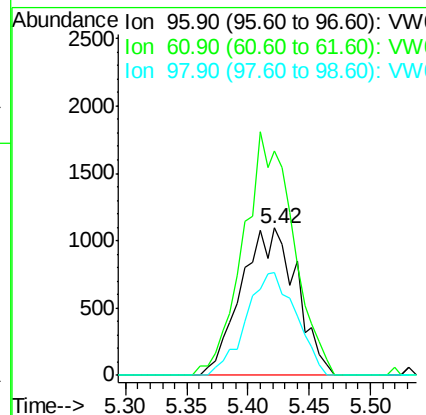
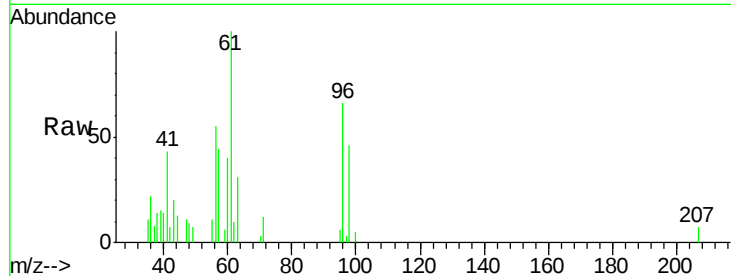
ClientSampleId :

DUP-0483-180620

Tot Ion:	96	Resp:	3457
Ion	Ratio	Lower	Upper
96	100		
61	151.9	118.7	178.1
98	69.4	51.0	76.6

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#24

1,1-Dichloroethane

Concen: 8.08 ug/l m

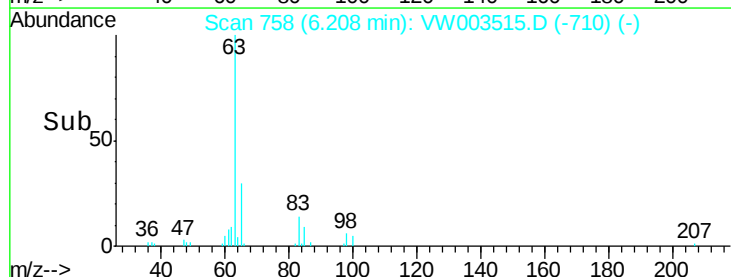
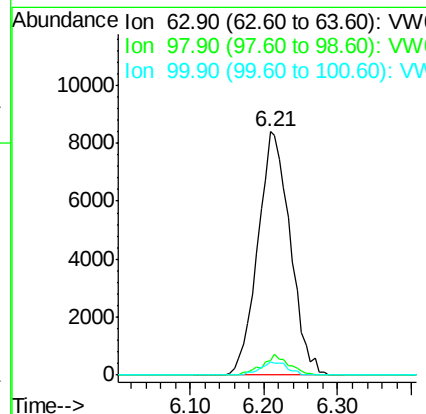
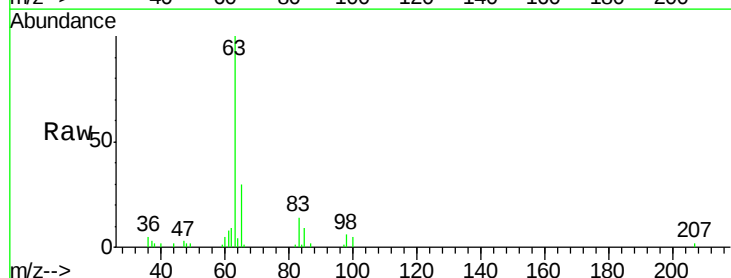
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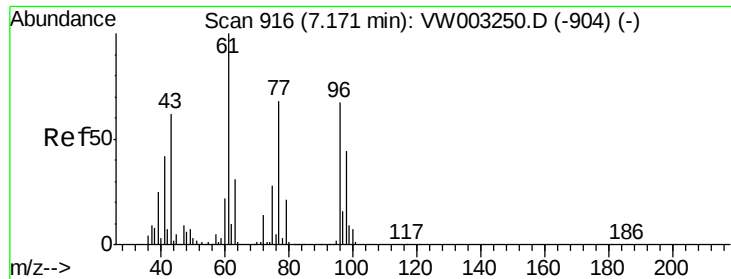
Delta R.T. -0.01 min

Lab File: VW003515.D

Acq: 24 Jun 2018 17:14

Tgt Ion:	63	Resp:	25512
Ion	Ratio	Lower	Upper
63	100		
98	5.8	2.8	8.3
100	5.2	2.1	6.5





#27

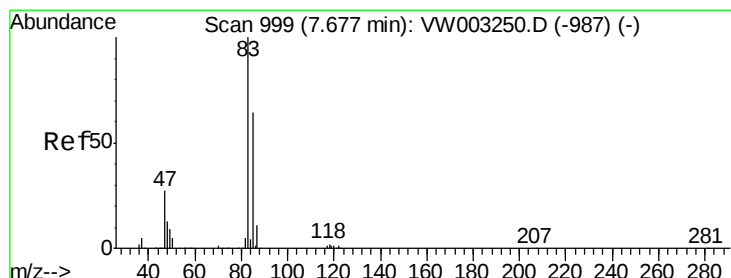
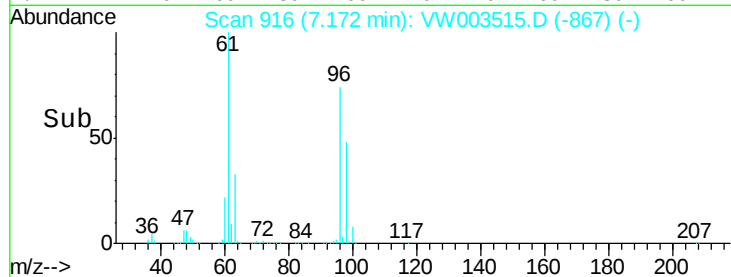
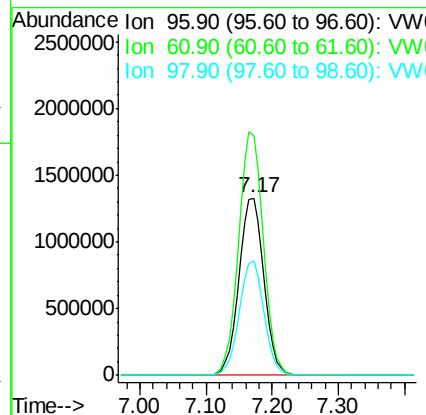
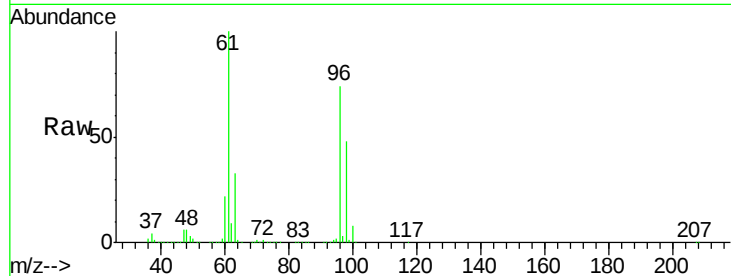
cis-1,2-Dichloroethene
 Concen: 1894.62 ug/l
 RT: 7.17 min Scan# 916
 Delta R.T. 0.00 min
 Lab File: VW003515.D
 Acq: 24 Jun 2018 17:14

Instrument :
 MSVOA_W
 ClientSampleId :
 DUP-0483-180620

Tot Ion	Ratio	Lower	Upper
96	100		
61	137.0	0.0	298.8
98	64.0	0.0	130.4

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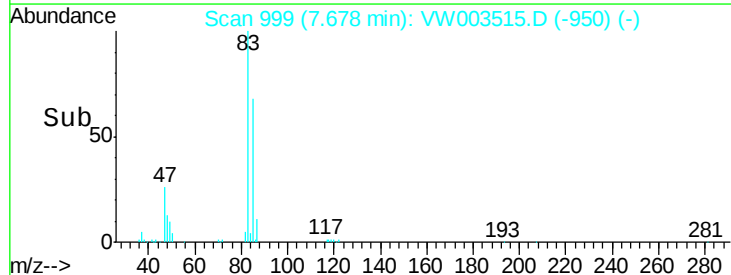
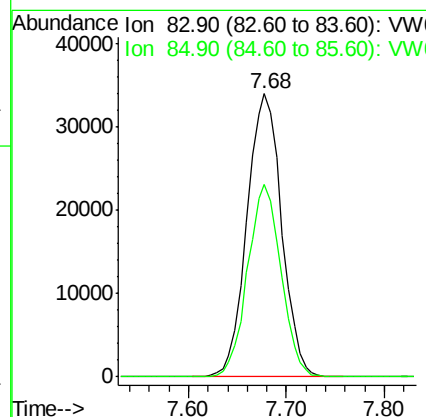
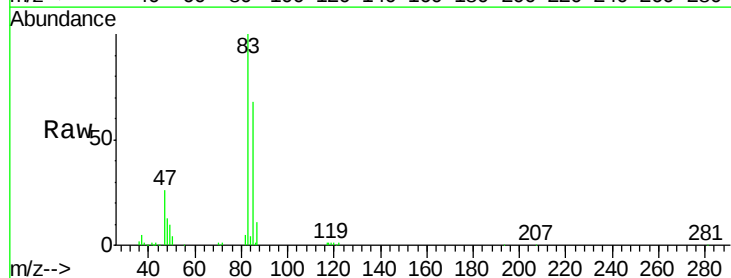
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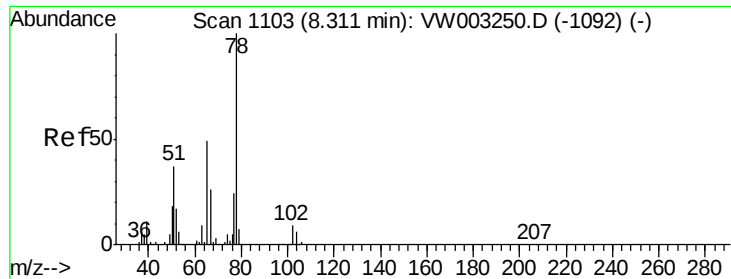


#30

Chloroform
 Concen: 25.94 ug/l
 RT: 7.68 min Scan# 999
 Delta R.T. 0.00 min
 Lab File: VW003515.D
 Acq: 24 Jun 2018 17:14

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.9	51.3	76.9





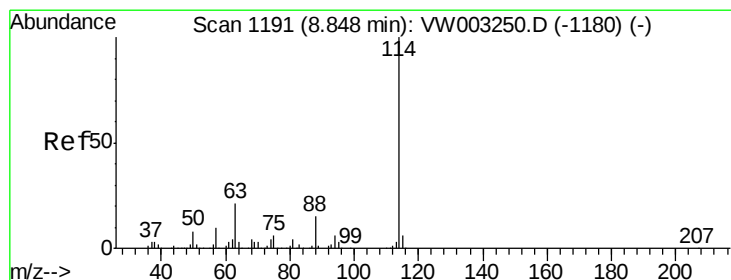
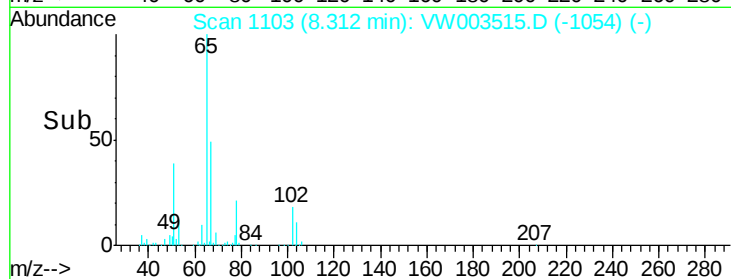
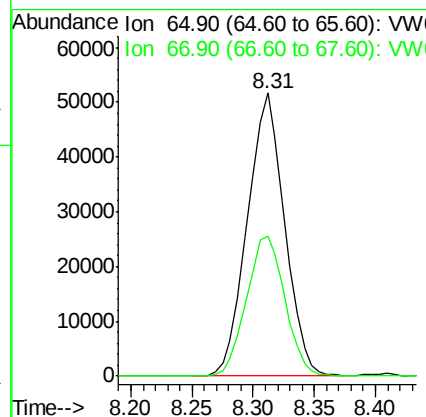
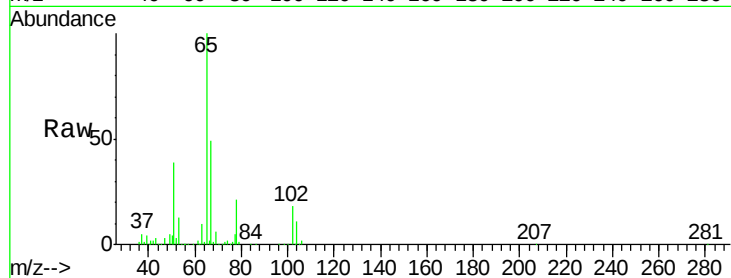
#33
 1,2-Dichloroethane-d4
 Concen: 60.07 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW003515.D
 Acq: 24 Jun 2018 17:14

Instrument :
 MSVOA_W
 ClientSampleId :
 DUP-0483-180620

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	51.2	0.0	104.2	

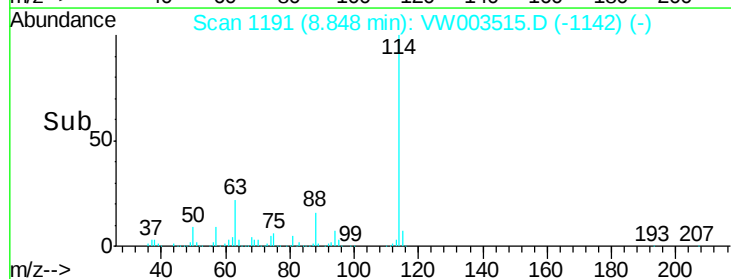
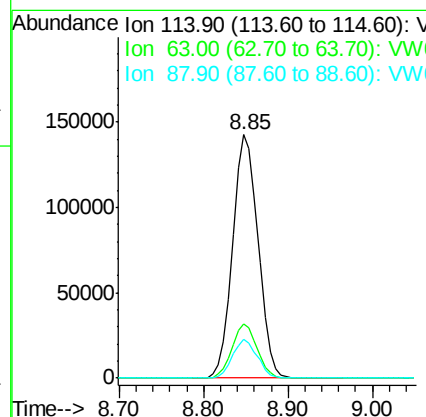
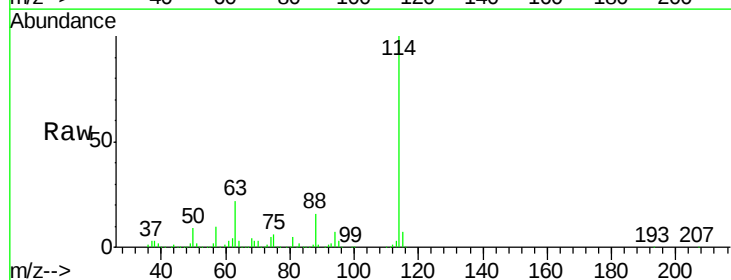
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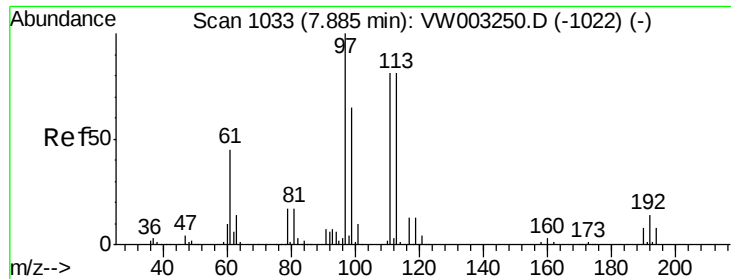
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003515.D
 Acq: 24 Jun 2018 17:14

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	22.2	0.0	43.0	
88	15.8	0.0	29.6	





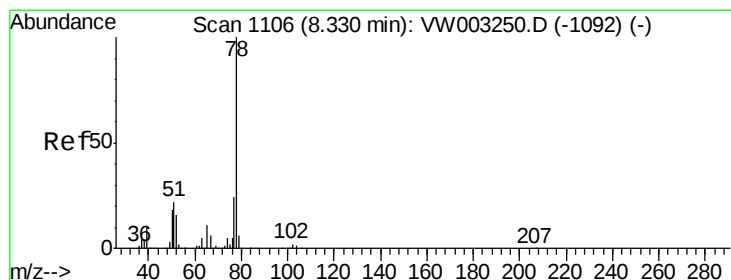
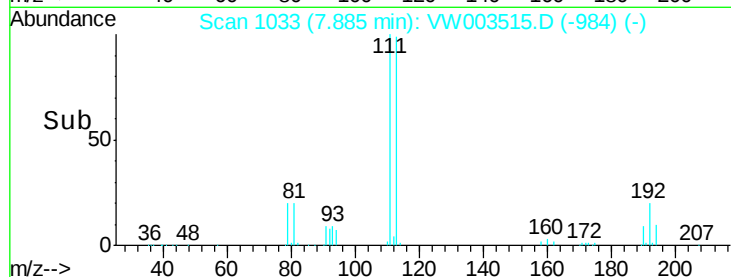
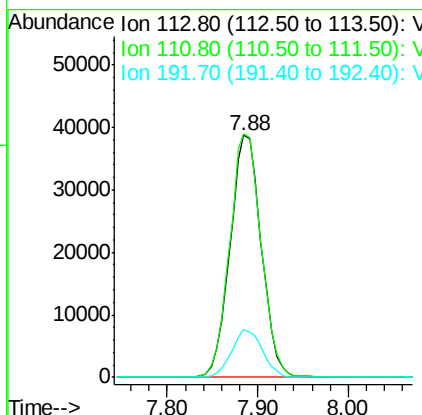
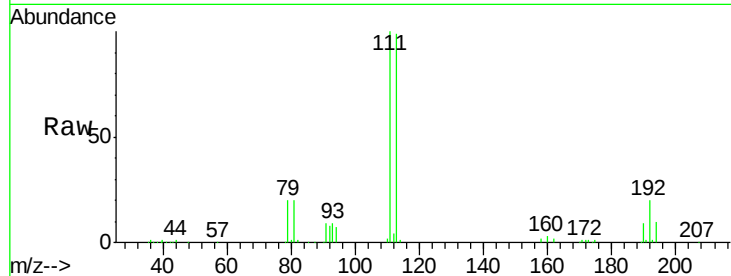
#35
 Dibromofluoromethane
 Concen: 50.81 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003515.D
 Acq: 24 Jun 2018 17:14

Instrument :
 MSVOA_W
 ClientSampleId :
 DUP-0483-180620

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
111	101.7	82.2	123.2		
192	19.6	16.2	24.2		

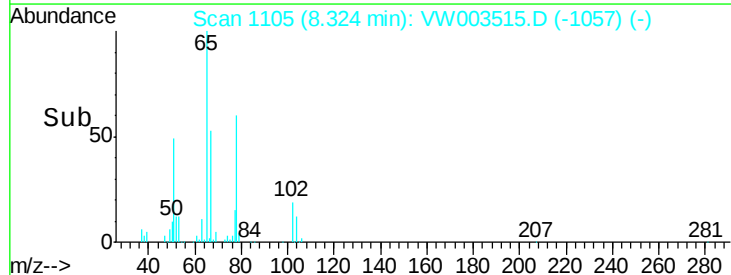
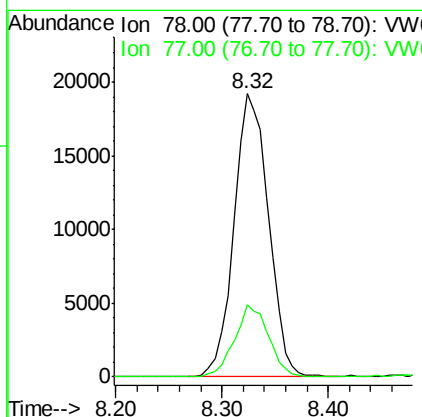
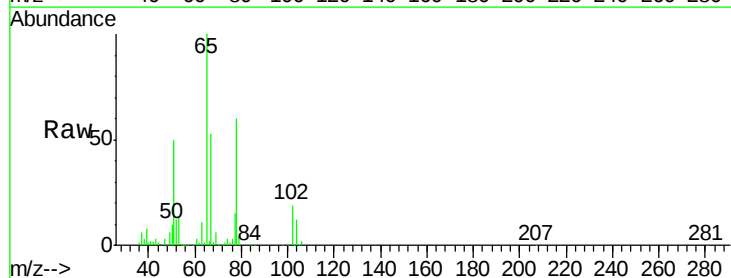
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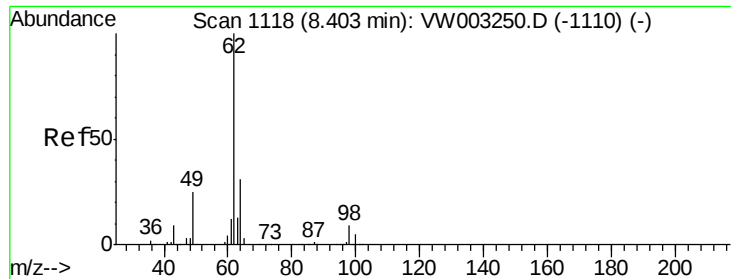
apatel
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#40
 Benzene
 Concen: 5.62 ug/l
 RT: 8.32 min Scan# 1105
 Delta R.T. -0.01 min
 Lab File: VW003515.D
 Acq: 24 Jun 2018 17:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
78	100				
77	25.4	19.0	28.6		





#42

1,2-Dichloroethane

Concen: 5.96 ug/l m

RT: 8.40 min Scan# 1118

Delta R.T. 0.00 min

Lab File: VW003515.D

Acq: 24 Jun 2018 17:14

Instrument :

MSVOA_W

ClientSampleId :

DUP-0483-180620

Tot Ion: 62 Resp: 14522

Ion Ratio Lower Upper

62 100

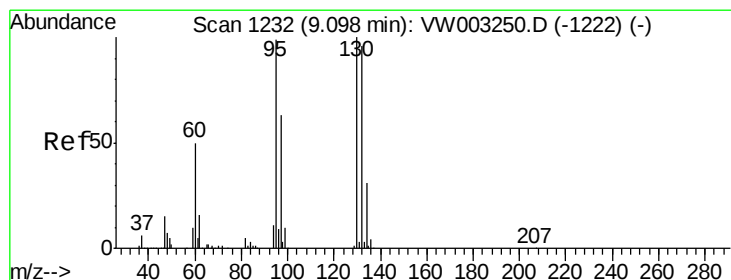
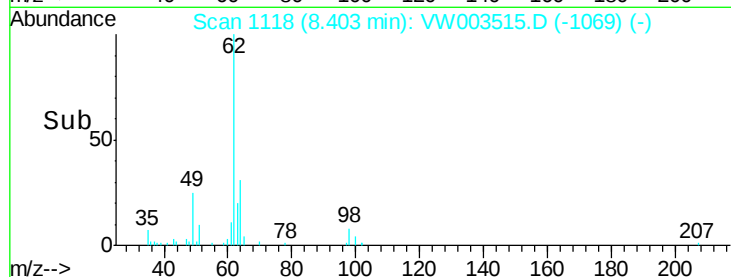
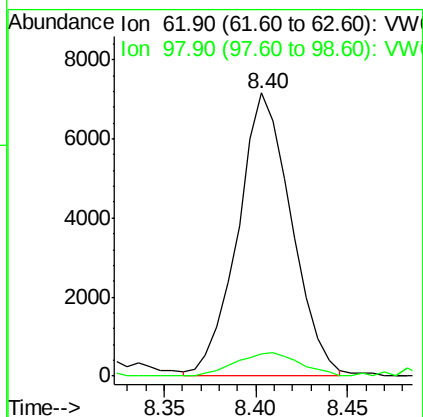
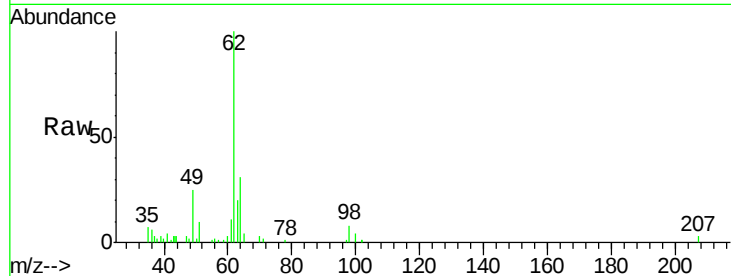
98 0.0 0.0 17.2

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#44

Trichloroethene

Concen: 20663.37 ug/l m

RT: 9.09 min Scan# 1230

Delta R.T. -0.01 min

Lab File: VW003515.D

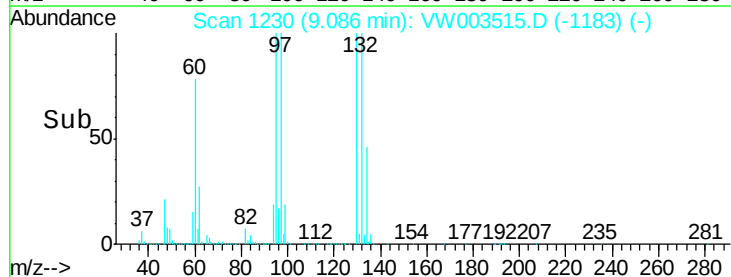
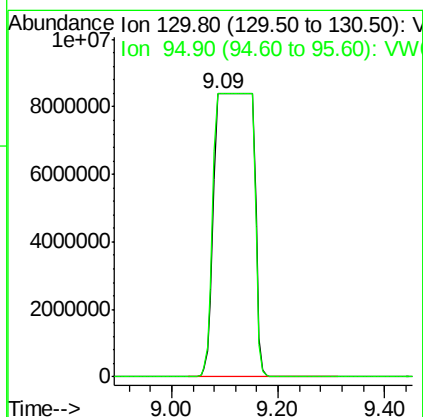
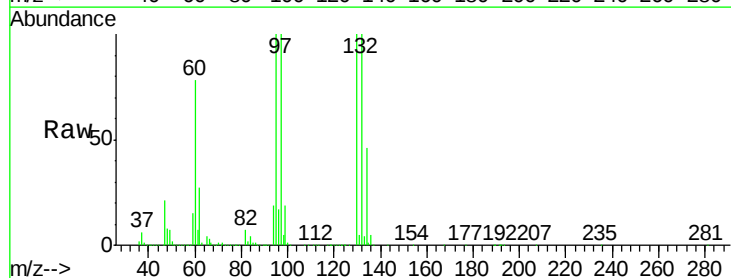
Acq: 24 Jun 2018 17:14

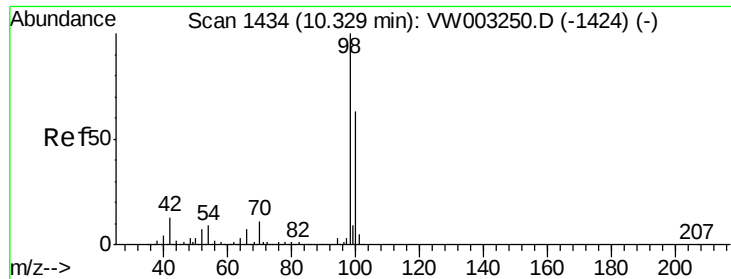
Tgt Ion:130 Resp:42570930

Ion Ratio Lower Upper

130 100

95 100.0 0.0 198.0





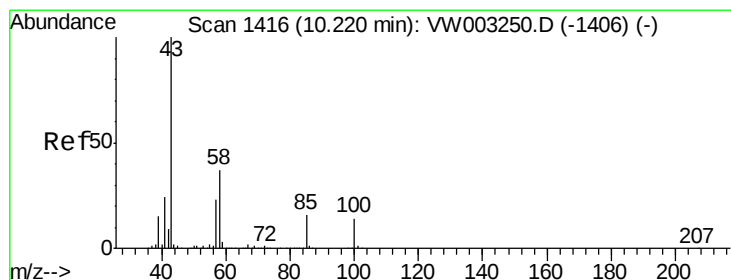
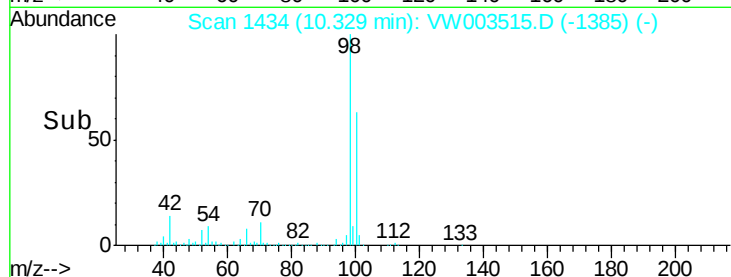
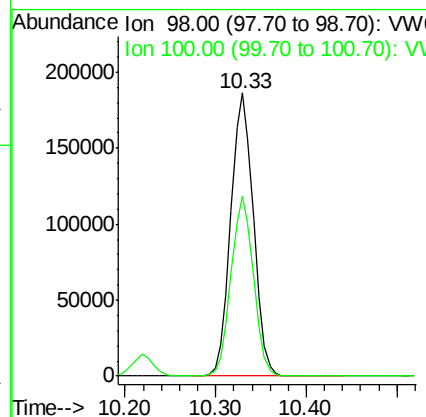
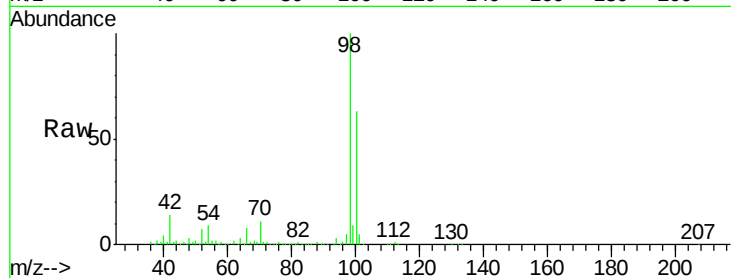
#50
Toluene-d8
Concen: 44.70 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW003515.D
Acq: 24 Jun 2018 17:14

Instrument :
MSVOA_W
ClientSampleId :
DUP-0483-180620

Tot Ion: 98 Resp: 321655
Ion Ratio Lower Upper
98 100
100 62.9 50.8 76.2

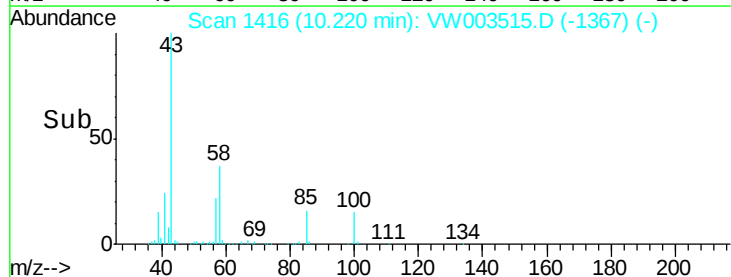
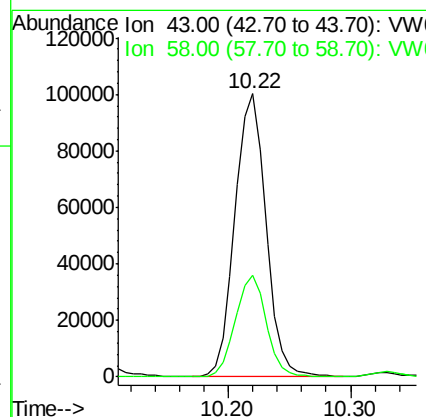
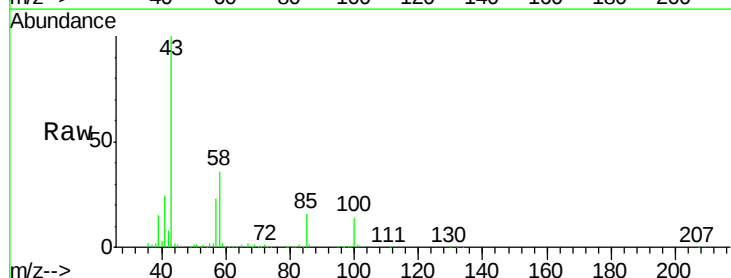
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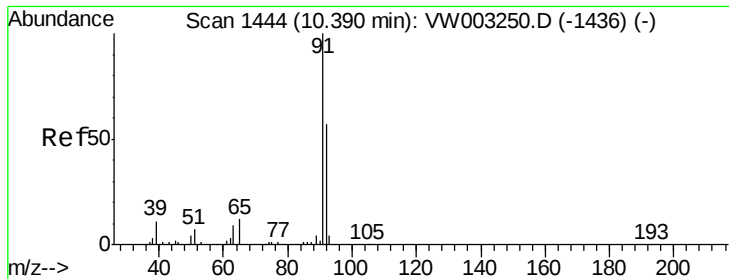
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#51
4-Methyl-2-Pentanone
Concen: 148.75 ug/l
RT: 10.22 min Scan# 1416
Delta R.T. 0.00 min
Lab File: VW003515.D
Acq: 24 Jun 2018 17:14

Tgt Ion: 43 Resp: 175874
Ion Ratio Lower Upper
43 100
58 35.8 29.0 43.4





#52

Toluene

Concen: 1027.63 ug/l

RT: 10.40 min Scan# 1445

Delta R.T. 0.01 min

Lab File: VW003515.D

Acq: 24 Jun 2018 17:14

Instrument :

MSVOA_W

ClientSampleId :

DUP-0483-180620

Tot Ion: 92 Resp: 5123603

Ion Ratio Lower Upper

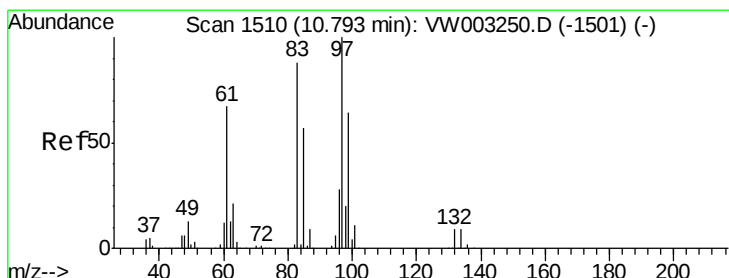
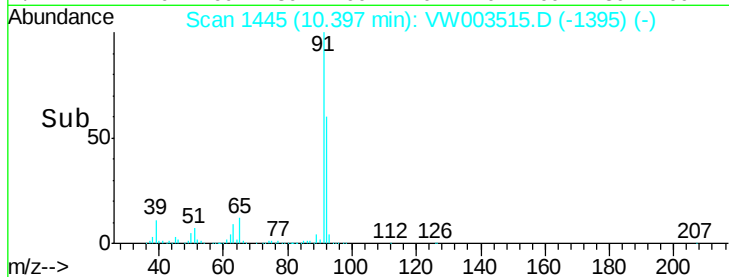
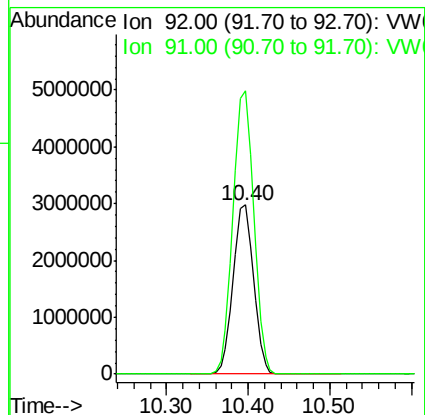
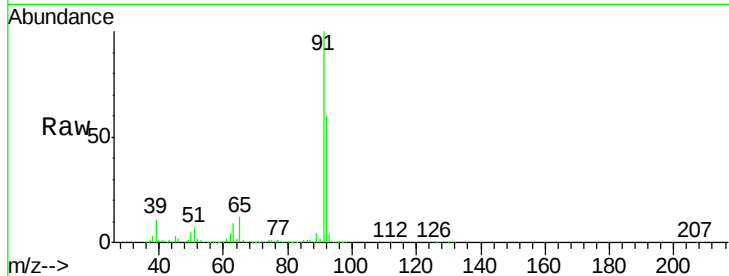
92 100

91 170.5 141.1 211.7

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#55

1,1,2-Trichloroethane

Concen: 36.16 ug/l

RT: 10.79 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VW003515.D

Acq: 24 Jun 2018 17:14

Tgt Ion: 97 Resp: 51651

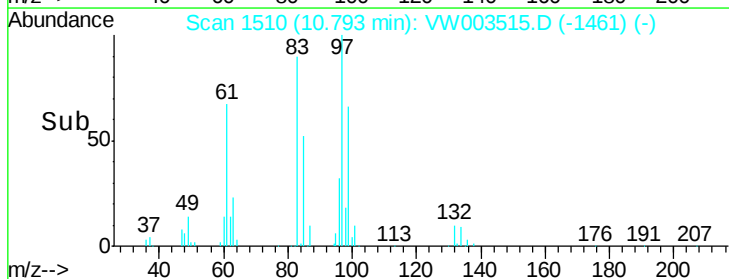
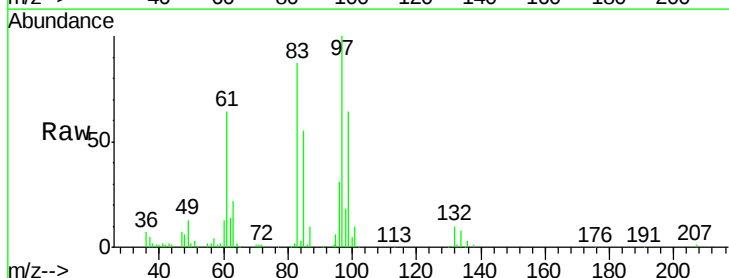
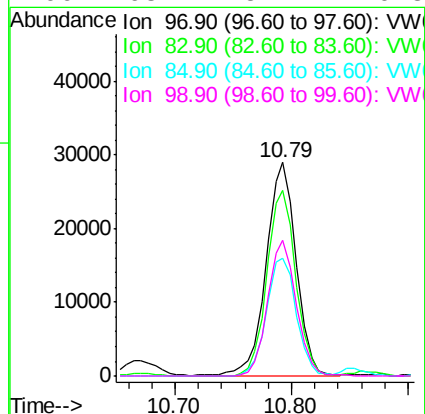
Ion Ratio Lower Upper

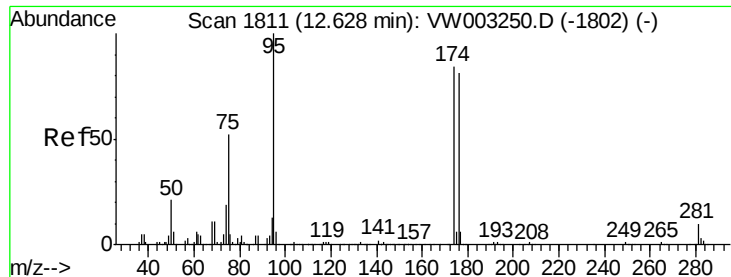
97 100

83 87.4 70.2 105.2

85 55.2 45.6 68.4

99 63.7 51.2 76.8





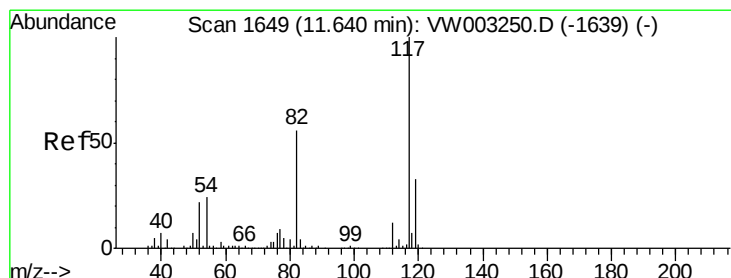
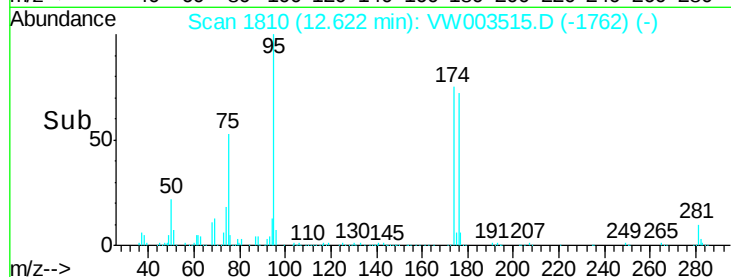
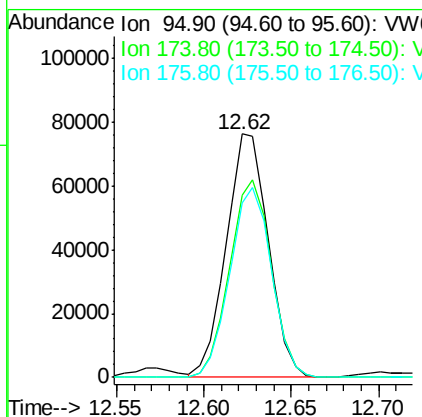
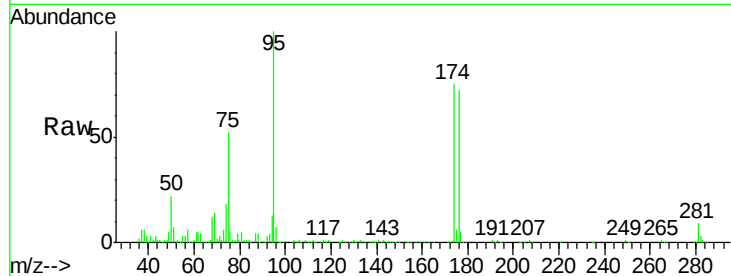
#62
4-Bromofluorobenzene
Concen: 49.86 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.01 min
Lab File: VW003515.D
Acq: 24 Jun 2018 17:14

Instrument :
MSVOA_W
ClientSampleId :
DUP-0483-180620

Tot Ion	Ratio	Resp	Lower	Upper
95	100	126988		
174	80.7	0.0	166.4	
176	77.6	0.0	162.0	

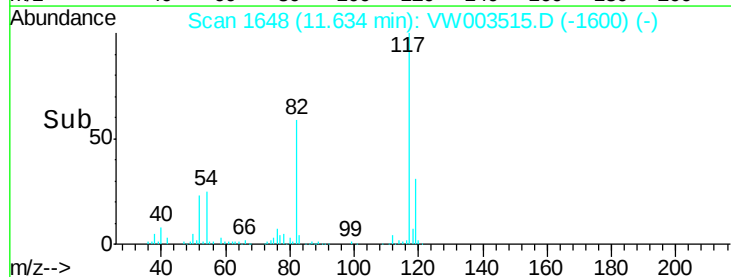
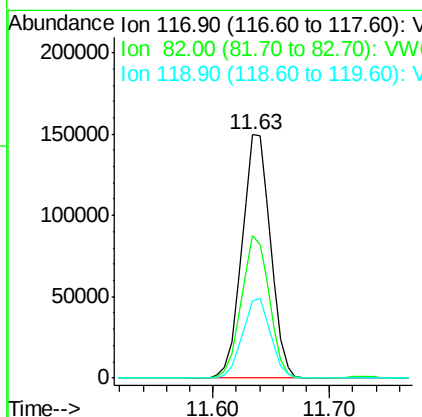
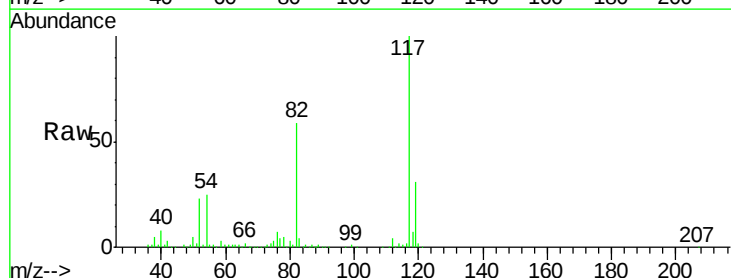
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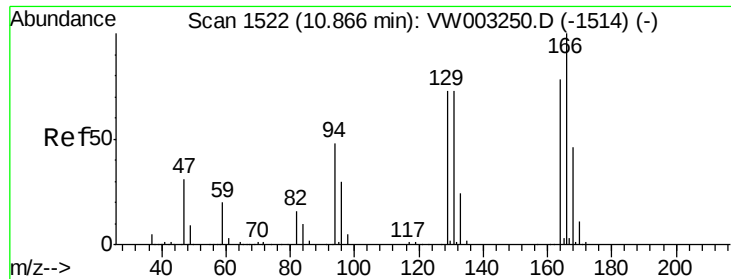
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#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW003515.D
Acq: 24 Jun 2018 17:14

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	255822		
82	58.7	44.6	67.0	
119	31.5	26.7	40.1	





#64

Tetrachloroethene

Concen: 22.63 ug/l

RT: 10.87 min Scan# 1522

Delta R.T. 0.00 min

Lab File: VW003515.D

Acq: 24 Jun 2018 17:14

Instrument :

MSVOA_W

ClientSampleId :

DUP-0483-180620

Tot Ion:164 Resp: 38719

Ion Ratio Lower Upper

164 100

166 122.6 102.6 154.0

129 90.7 75.2 112.8

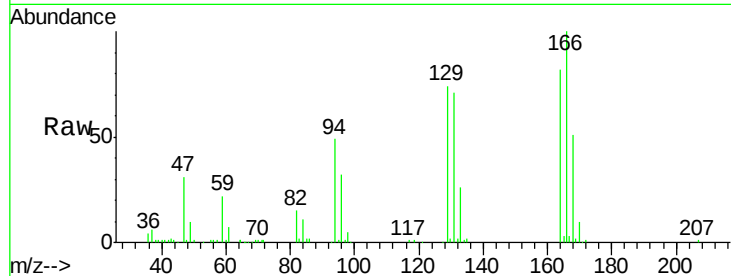
131 86.9 75.0 112.4

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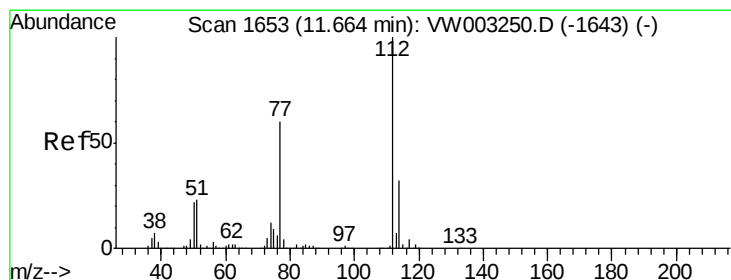
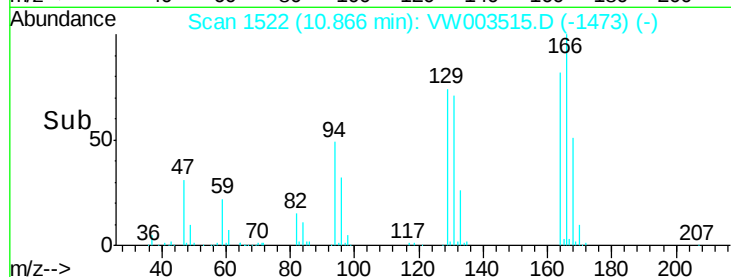
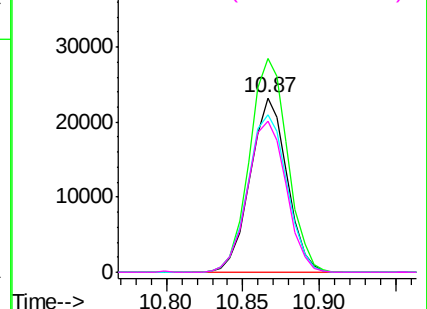


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 63.18 ug/l

RT: 11.66 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VW003515.D

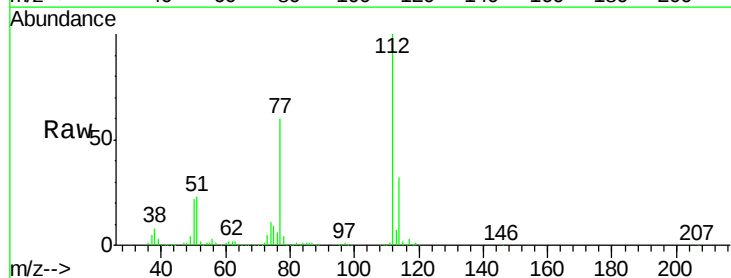
Acq: 24 Jun 2018 17:14

Tgt Ion:112 Resp: 336566

Ion Ratio Lower Upper

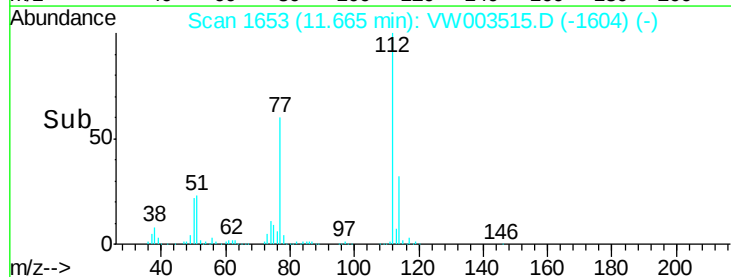
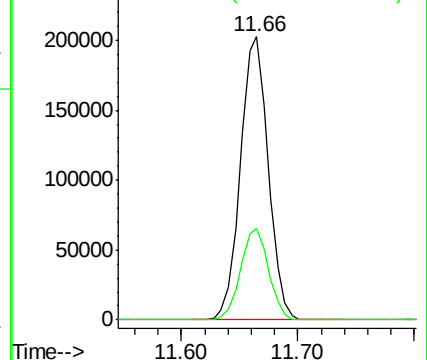
112 100

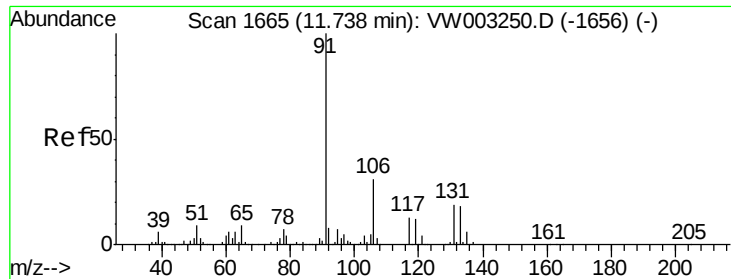
114 32.3 25.9 38.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





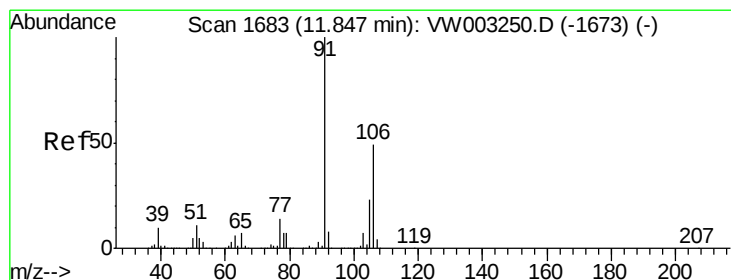
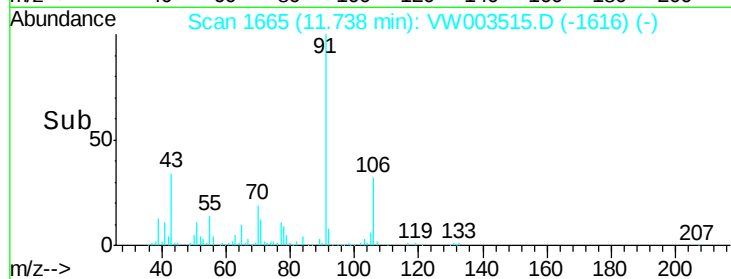
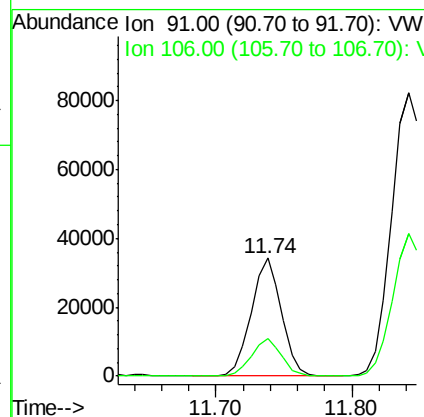
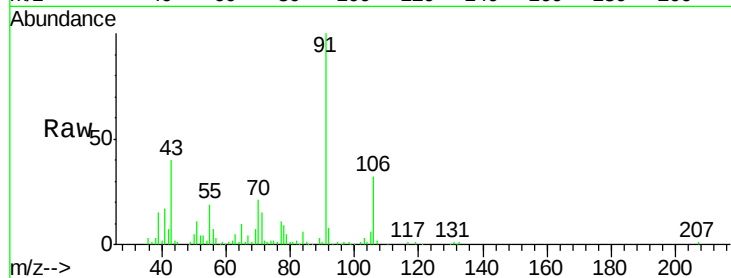
#67
Ethyl Benzene
Concen: 5.66 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003515.D
Acq: 24 Jun 2018 17:14

Instrument :
MSVOA_W
ClientSampleId :
DUP-0483-180620

Tot Ion: 91 Resp: 53419
Ion Ratio Lower Upper
91 100
106 32.1 24.7 37.1

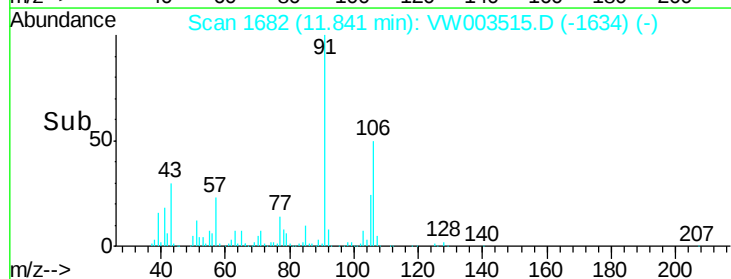
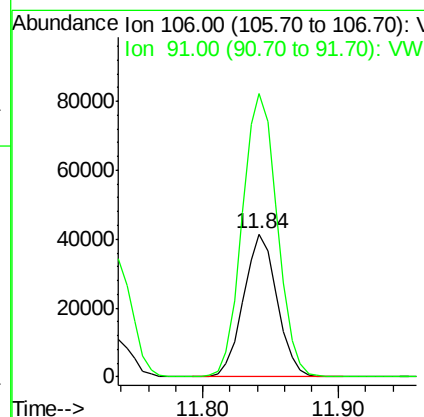
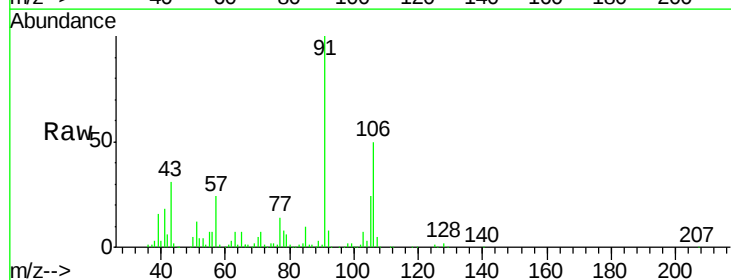
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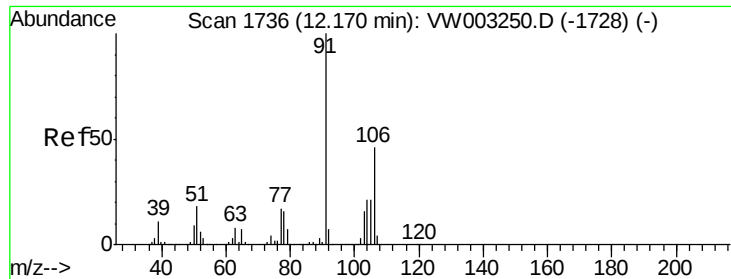
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#68
m/p-Xylenes
Concen: 19.92 ug/l
RT: 11.84 min Scan# 1682
Delta R.T. -0.01 min
Lab File: VW003515.D
Acq: 24 Jun 2018 17:14

Tgt Ion: 106 Resp: 71515
Ion Ratio Lower Upper
106 100
91 206.2 165.4 248.0





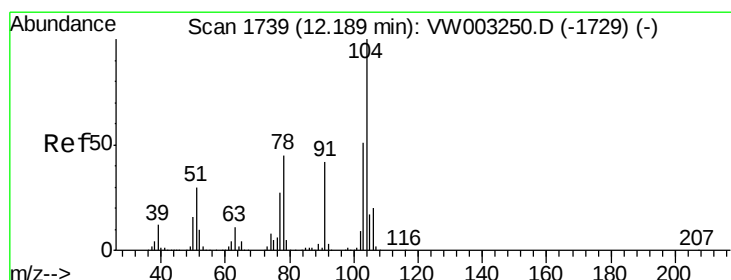
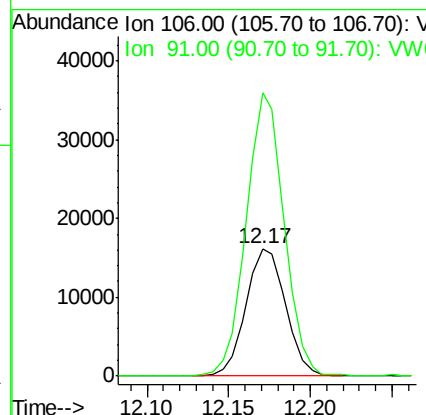
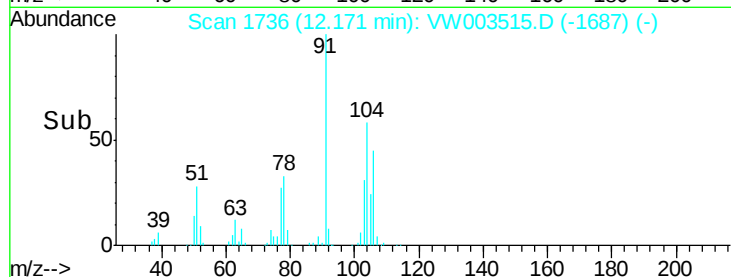
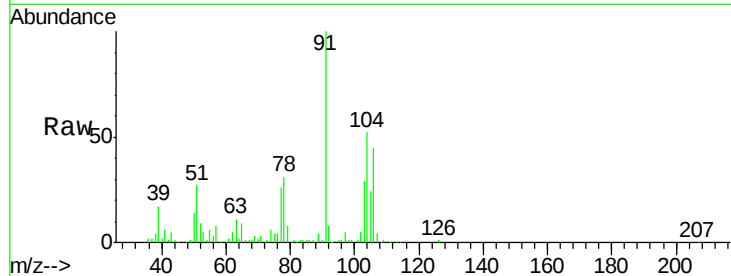
#69
o-Xylene
Concen: 8.19 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003515.D
Acq: 24 Jun 2018 17:14

Instrument :
MSVOA_W
ClientSampleId :
DUP-0483-180620

Tot Ion:106 Resp: 27247
Ion Ratio Lower Upper
106 100
91 213.9 108.6 325.6

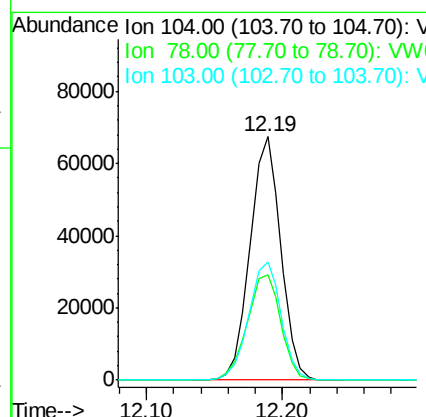
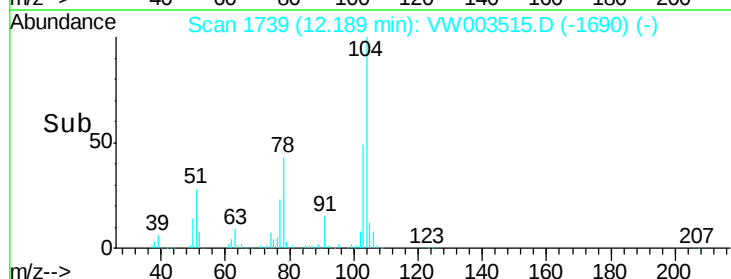
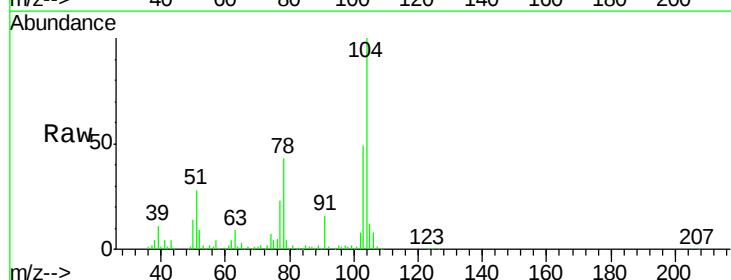
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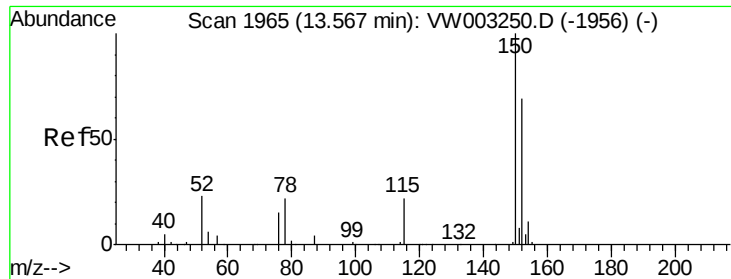
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#70
Styrene
Concen: 19.31 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW003515.D
Acq: 24 Jun 2018 17:14

Tgt Ion:104 Resp: 106904
Ion Ratio Lower Upper
104 100
78 47.7 41.3 61.9
103 51.4 45.0 67.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW003515.D

Acq: 24 Jun 2018 17:14

Instrument :

MSVOA_W

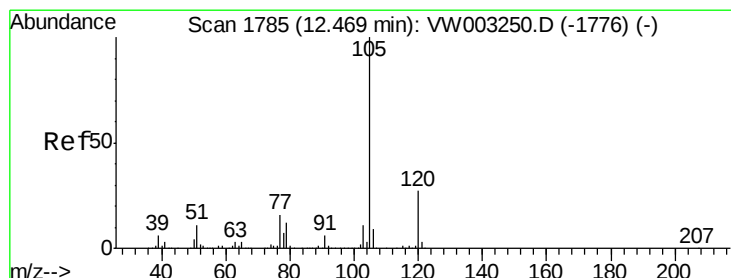
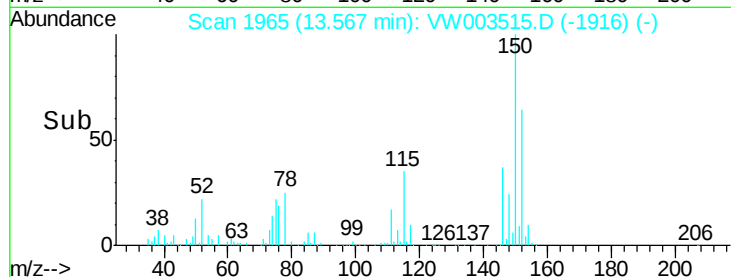
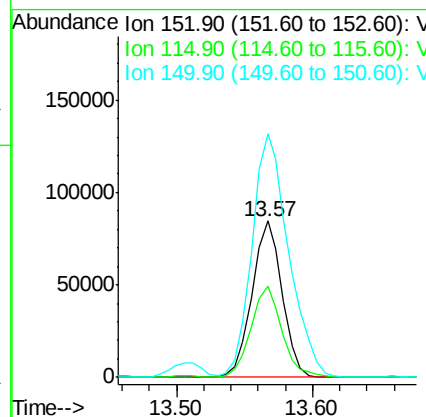
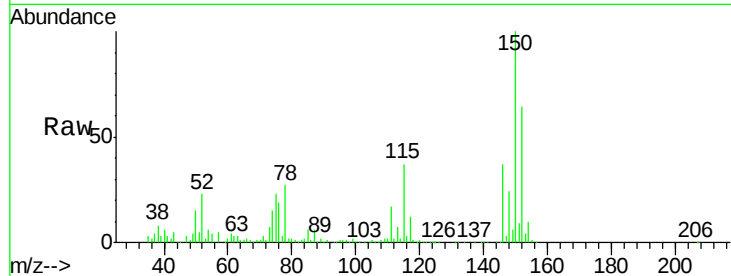
ClientSampleId :

DUP-0483-180620

Tot Ion	Ratio	Lower	Upper
152	100		
115	60.6	29.3	88.0
150	189.1	0.0	349.6

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#73

Isopropylbenzene

Concen: 1.22 ug/l

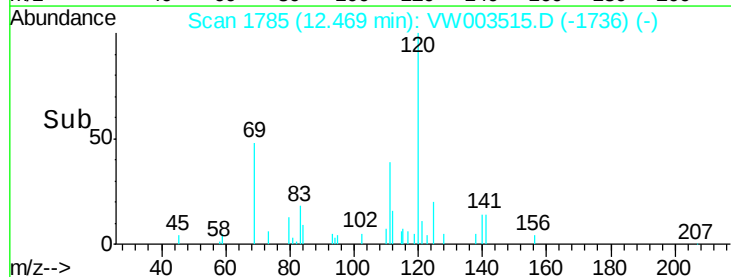
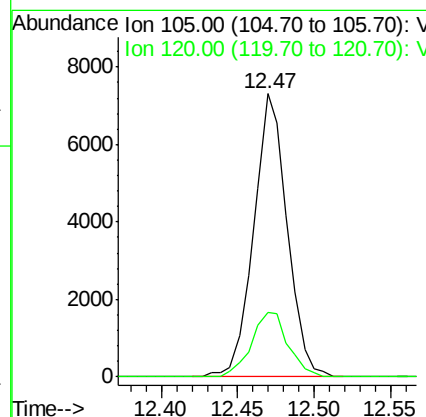
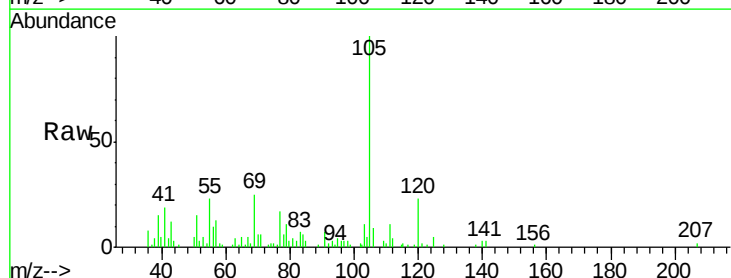
RT: 12.47 min Scan# 1785

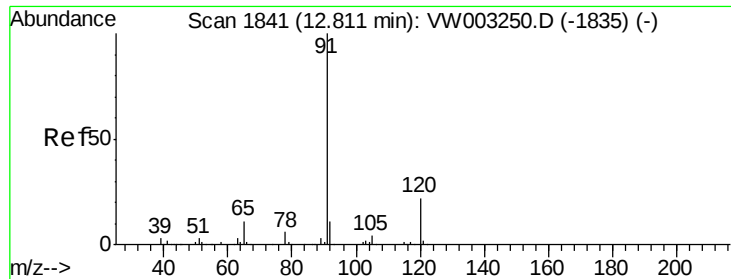
Delta R.T. 0.00 min

Lab File: VW003515.D

Acq: 24 Jun 2018 17:14

Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.1	13.2	39.6





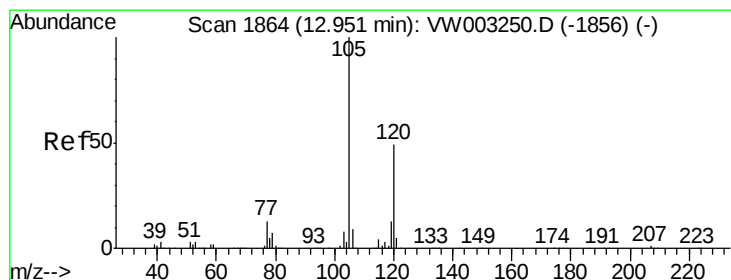
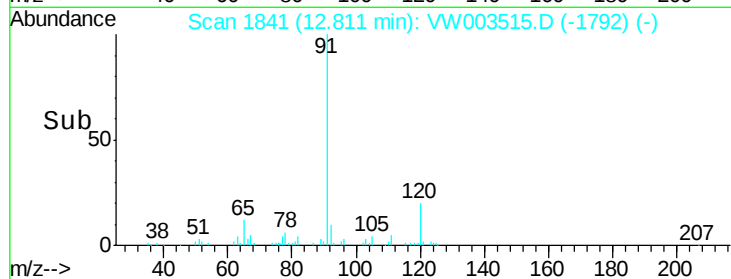
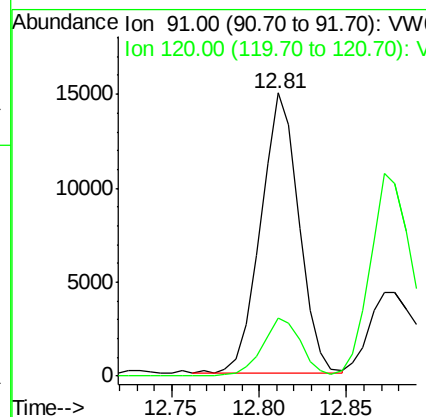
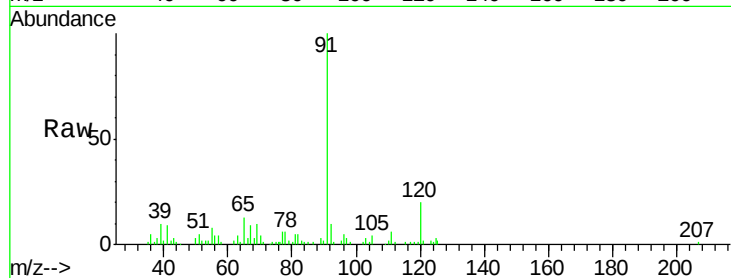
#78
n-propylbenzene
Concen: 2.03 ug/l
RT: 12.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VW003515.D
Acq: 24 Jun 2018 17:14

Instrument :
MSVOA_W
ClientSampleId :
DUP-0483-180620

Tot Ion: 91 Resp: 22636
Ion Ratio Lower Upper
91 100
120 20.9 11.3 33.8

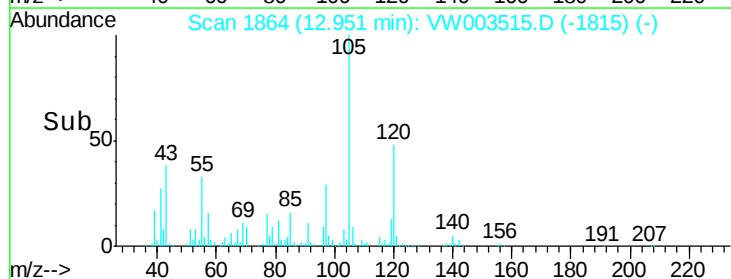
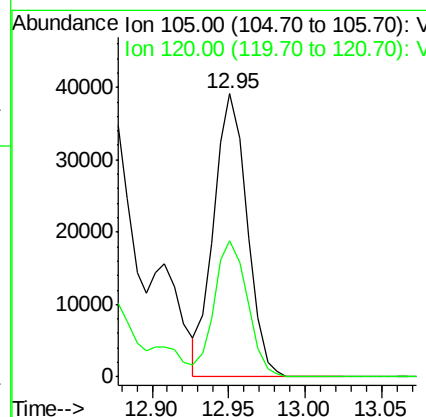
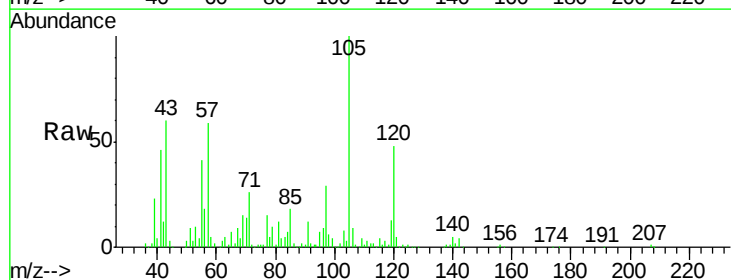
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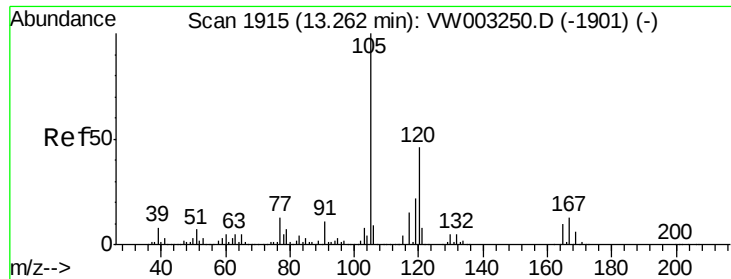
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#80
1,3,5-Trimethylbenzene
Concen: 7.76 ug/l
RT: 12.95 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VW003515.D
Acq: 24 Jun 2018 17:14

Tgt Ion: 105 Resp: 59355
Ion Ratio Lower Upper
105 100
120 47.9 24.3 72.9





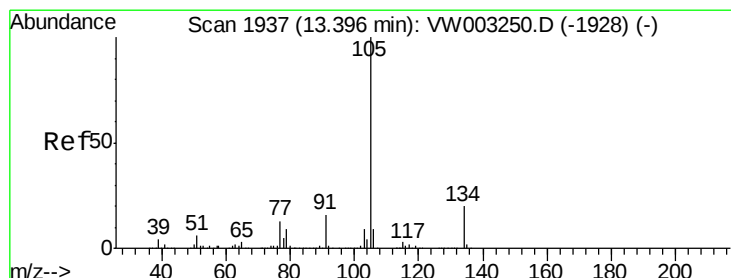
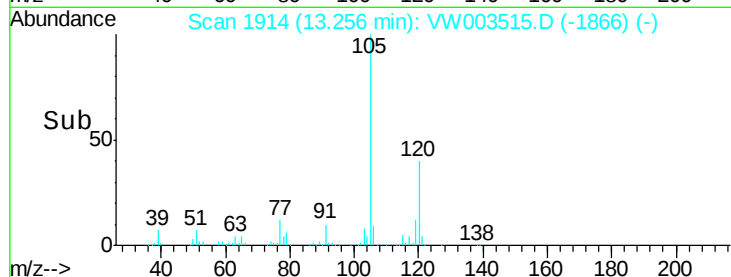
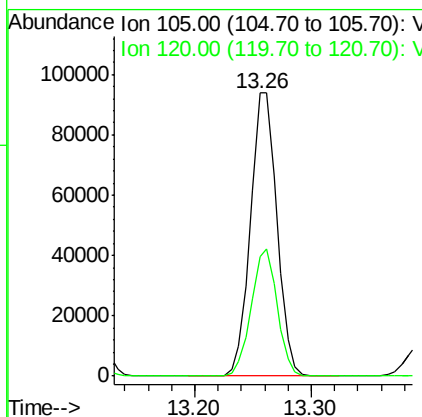
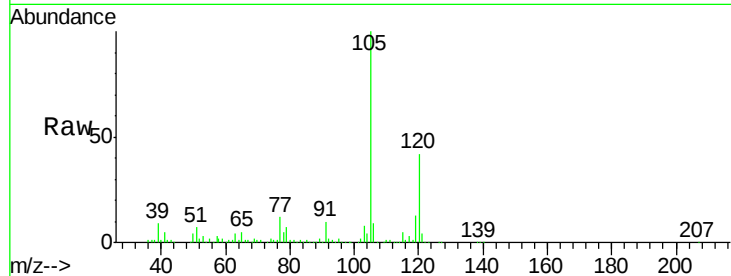
#84
 1,2,4-Trimethylbenzene
 Concen: 19.03 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. -0.01 min
 Lab File: VW003515.D
 Acq: 24 Jun 2018 17:14

Instrument :
 MSVOA_W
 ClientSampleId :
 DUP-0483-180620

Tot Ion	Ratio	Lower	Upper
105	100		
120	44.1	22.5	67.5

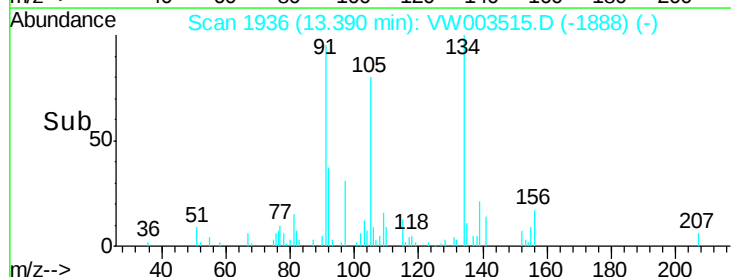
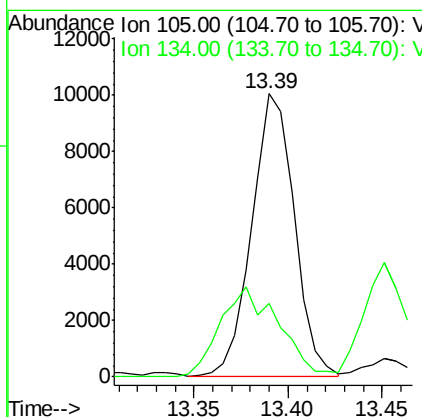
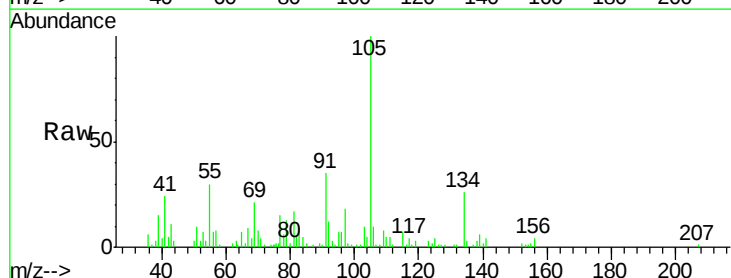
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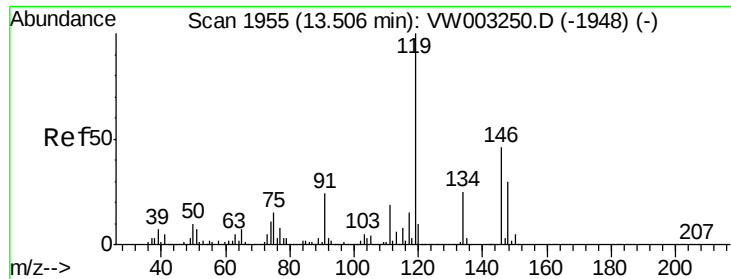
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#85
 sec-Butylbenzene
 Concen: 1.63 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: VW003515.D
 Acq: 24 Jun 2018 17:14

Tgt Ion	Ratio	Lower	Upper
105	100		
134	43.5	9.8	29.5#





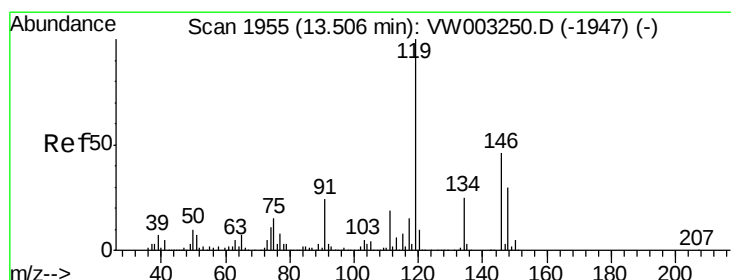
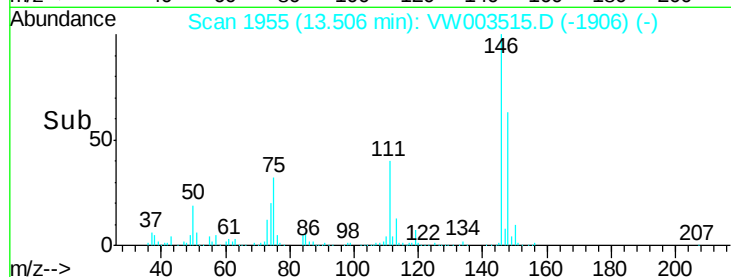
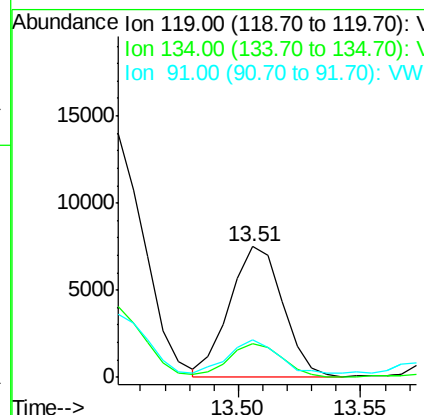
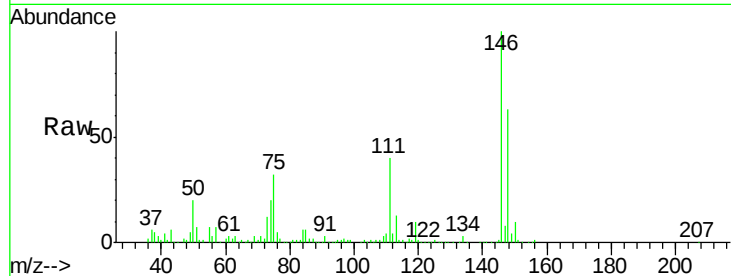
#86
 p-Isopropyltoluene
 Concen: 1.34 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003515.D
 Acq: 24 Jun 2018 17:14

Instrument :
 MSVOA_W
 ClientSampleId :
 DUP-0483-180620

Tot Ion	Ratio	Lower	Upper
119	100		
134	25.7	12.9	38.7
91	23.6	11.8	35.3

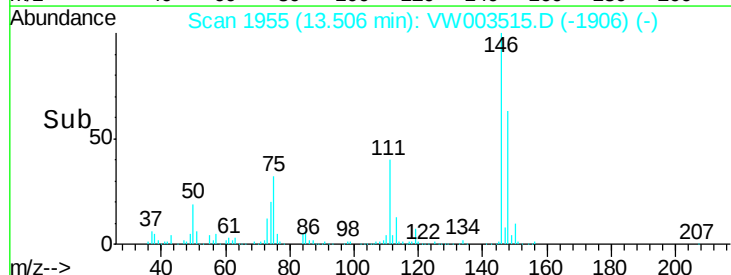
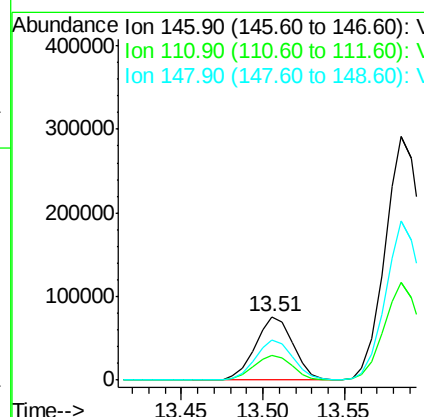
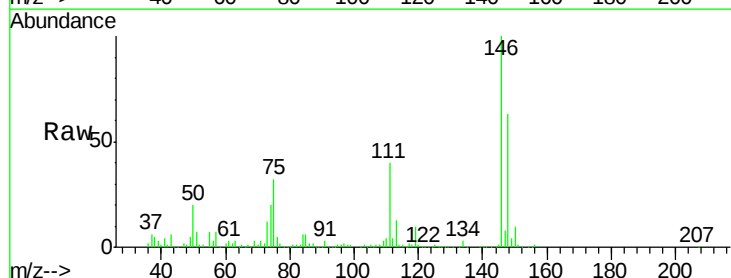
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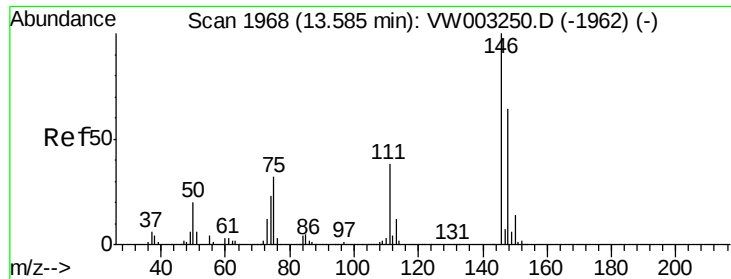
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#87
 1,3-Dichlorobenzene
 Concen: 28.11 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003515.D
 Acq: 24 Jun 2018 17:14

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.8	59.4
148	63.4	32.1	96.5





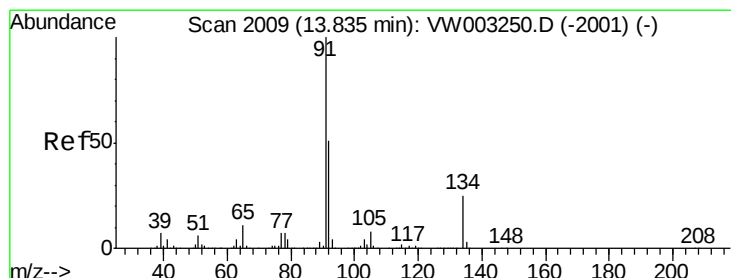
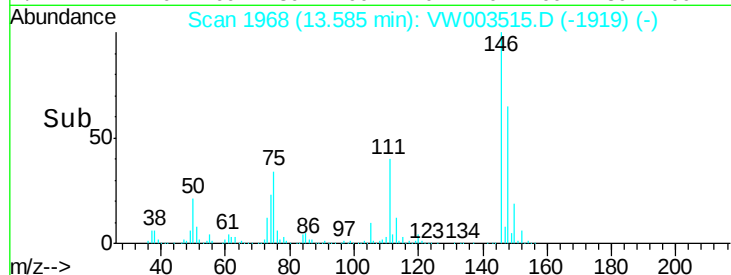
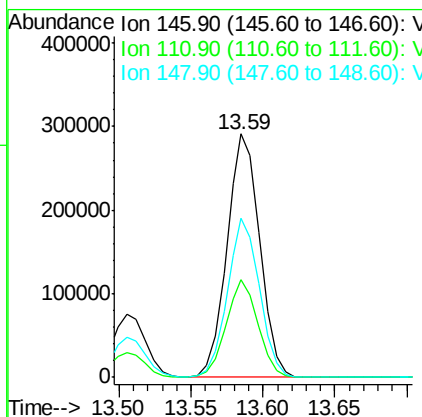
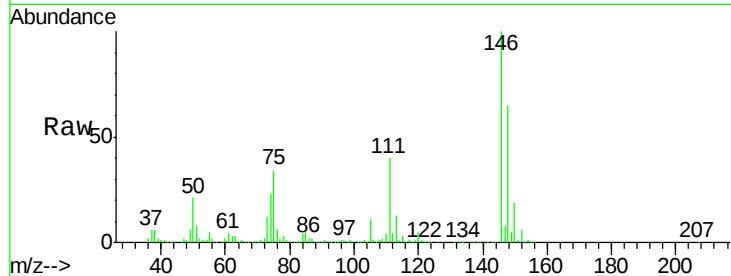
#88
 1,4-Dichlorobenzene
 Concen: 106.57 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW003515.D
 Acq: 24 Jun 2018 17:14

Instrument :
 MSVOA_W
 ClientSampleId :
 DUP-0483-180620

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.2	57.6
148	64.0	31.8	95.4

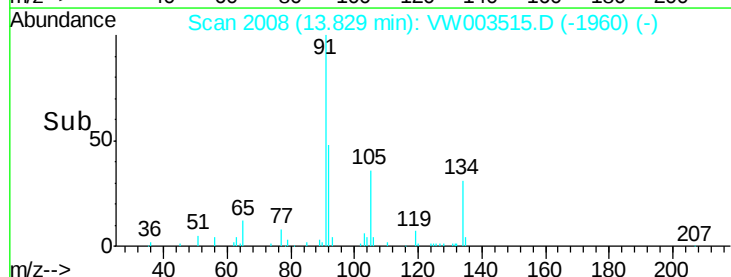
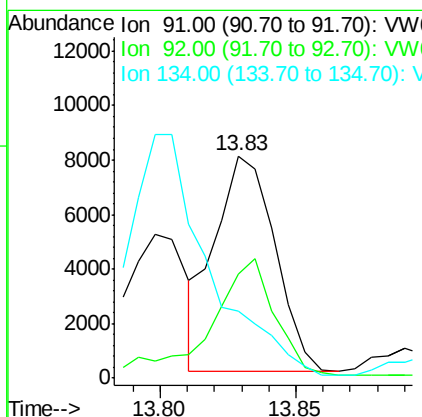
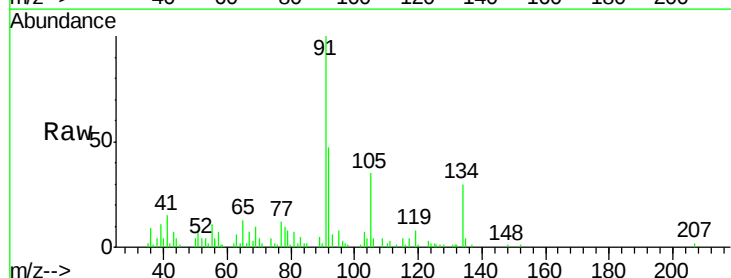
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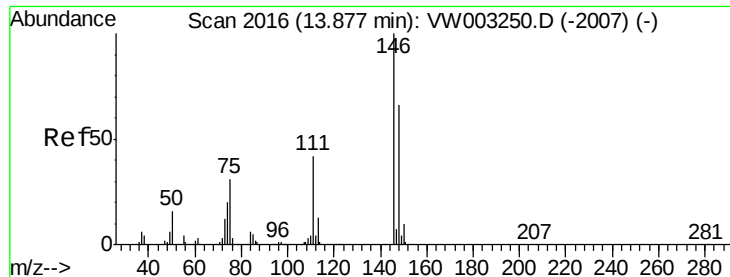
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#89
 n-Butylbenzene
 Concen: 1.45 ug/l
 RT: 13.83 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: VW003515.D
 Acq: 24 Jun 2018 17:14

Tgt Ion	Ratio	Lower	Upper
91	100		
92	58.1	26.0	78.0
134	0.0	12.7	38.0





#91

1,2-Dichlorobenzene

Concen: 625.66 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. 0.00 min

Lab File: VW003515.D

Acq: 24 Jun 2018 17:14

Instrument :

MSVOA_W

ClientSampleId :

DUP-0483-180620

Tot Ion:146 Resp: 2389213

Ion Ratio Lower Upper

146 100

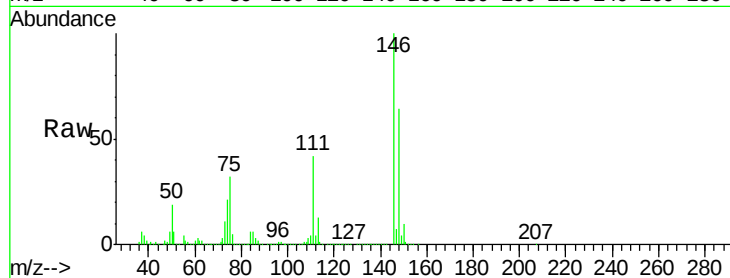
111 41.7 20.3 61.0

148 63.9 32.3 96.9

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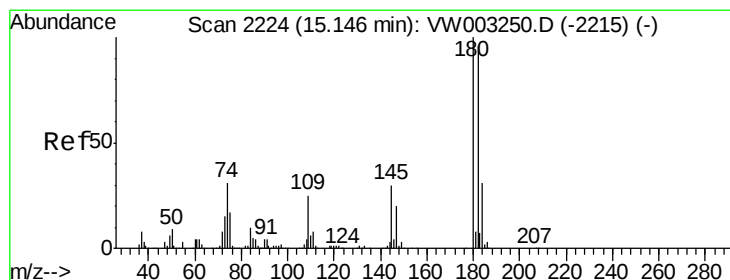
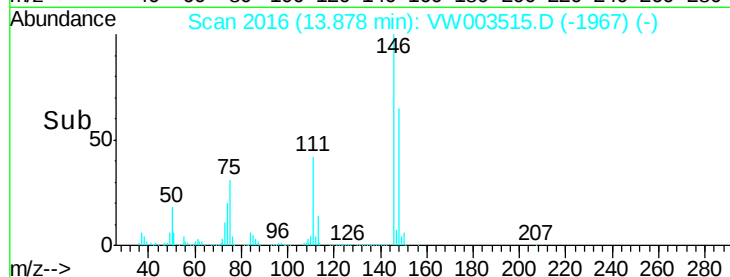
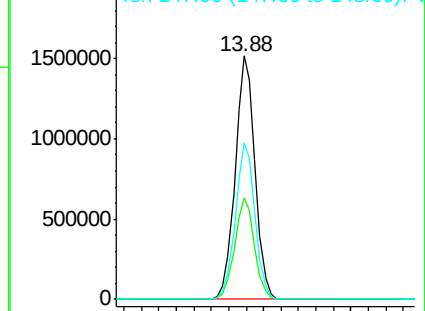


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#93

1,2,4-Trichlorobenzene

Concen: 2.91 ug/l

RT: 15.15 min Scan# 2224

Delta R.T. 0.00 min

Lab File: VW003515.D

Acq: 24 Jun 2018 17:14

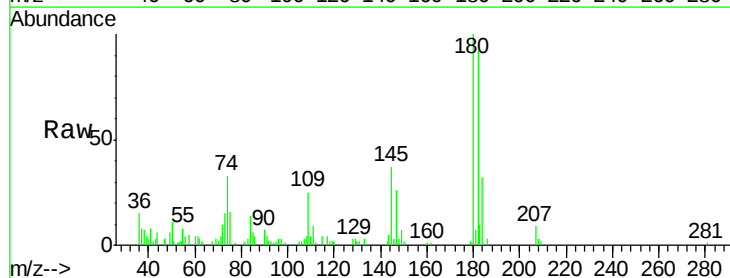
Tgt Ion:180 Resp: 7804

Ion Ratio Lower Upper

180 100

182 91.2 47.9 143.6

145 52.2 15.2 45.5#

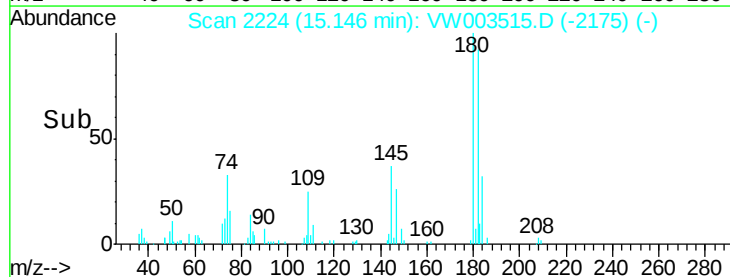
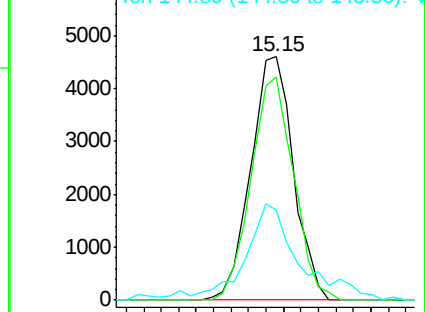


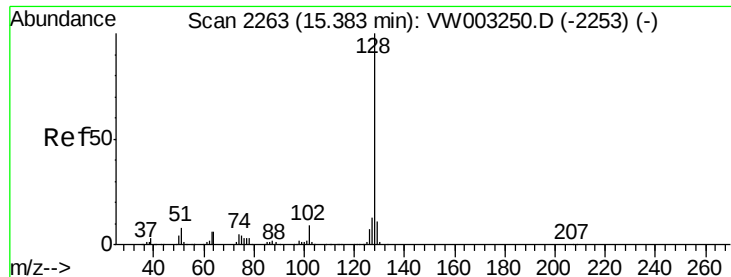
Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#95
Naphthalene
Concen: 28.78 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. -0.01 min
Lab File: VW003515.D
Acq: 24 Jun 2018 17:14

Instrument :
MSVOA_W
ClientSampleId :
DUP-0483-180620

Tot Ion	Ratio	Resp Lower	Upper
128	100		
127	14.0	10.5	15.7
129	11.5	8.9	13.3

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