

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062318\
 Data File : VW003474.D
 Acq On : 23 Jun 2018 21:12
 Operator : SY/AP
 Sample : J3664-17
 Misc : 6.31G/5ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB485-29-31-180619

Manual Integrations
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Quant Time: Jun 27 17:54:07 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	178444	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	303409	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	245710	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	103716	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	739	0.38	ug/l	0.00
Spiked Amount			Recovery	=	0.76%	
35) Dibromofluoromethane	7.88	113	551	0.29	ug/l	0.00
Spiked Amount			Recovery	=	0.58%	
50) Toluene-d8	10.33	98	9161	1.23	ug/l	0.00
Spiked Amount			Recovery	=	2.46%	
62) 4-Bromofluorobenzene	12.62	95	64163	24.25	ug/l	-0.01
Spiked Amount			Recovery	=	48.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.15	43	80055	197.49	ug/l	92
17) Carbon Disulfide	4.37	76	13717	2.87	ug/l	99
20) Methylene Chloride	4.92	84	13876	4.74	ug/l	95
25) 2-Butanone	7.18	43	25812	51.21	ug/l #	87
27) cis-1,2-Dichloroethene	7.17	96	4688	2.43	ug/l	93
30) Chloroform	7.68	83	3783	1.11	ug/l	97
31) Cyclohexane	7.96	56	11448	3.67	ug/l #	62
39) Methylcyclohexane	9.34	83	101053	29.81	ug/l	96
40) Benzene	8.33	78	17380	2.15	ug/l	93
65) Chlorobenzene	11.66	112	605489	118.34	ug/l	99
73) Isopropylbenzene	12.48	105	33936	4.70	ug/l	98
83) tert-Butylbenzene	13.21	119	78860	15.28	ug/l	90
85) sec-Butylbenzene	13.39	105	806962	105.21	ug/l #	62
88) 1,4-Dichlorobenzene	13.58	146	57803m	16.85	ug/l	
89) n-Butylbenzene	13.83	91	641662m	97.30	ug/l	
91) 1,2-Dichlorobenzene	13.88	146	22108m	7.31	ug/l	

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

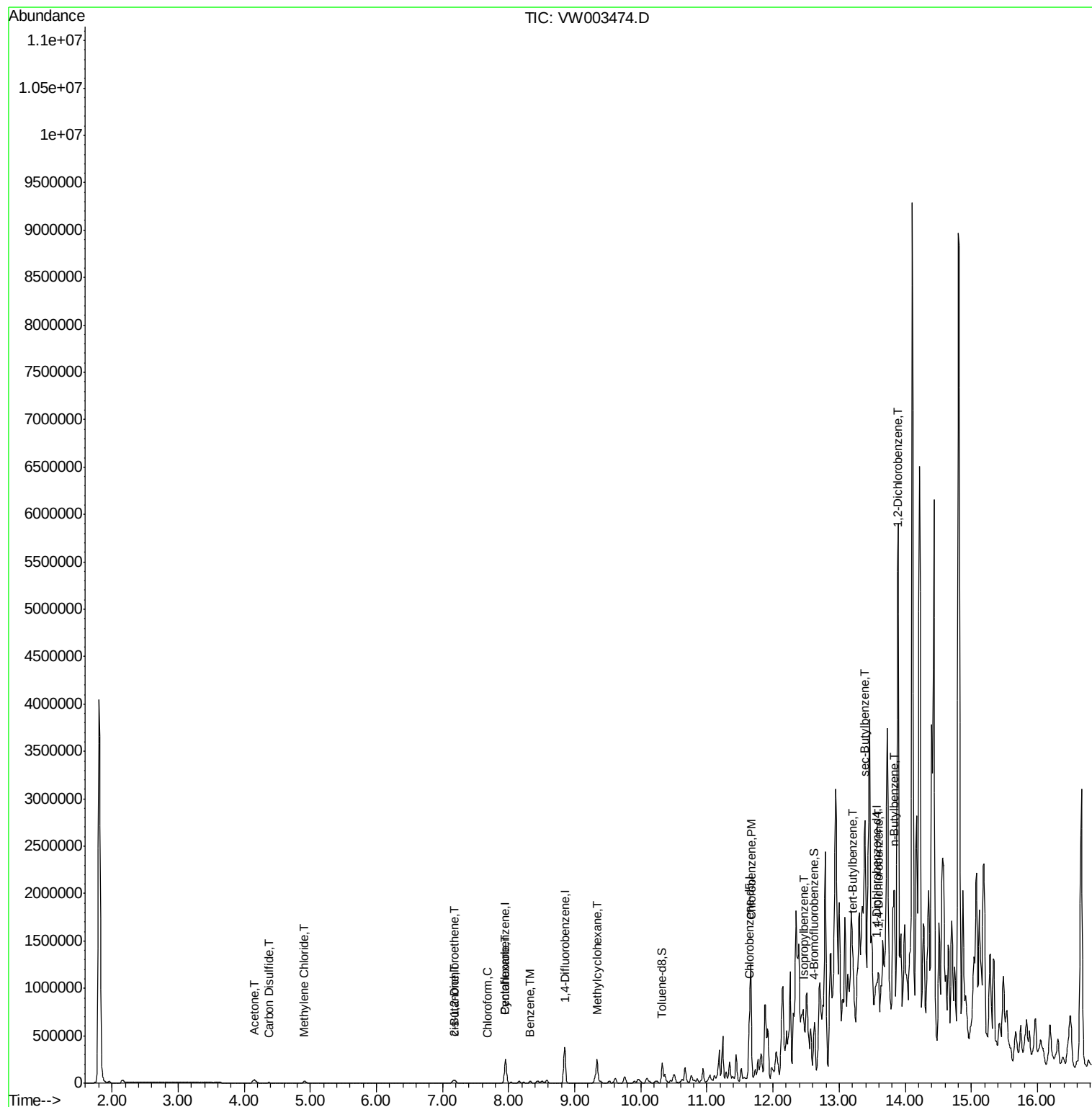
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062318\
Data File : VW003474.D
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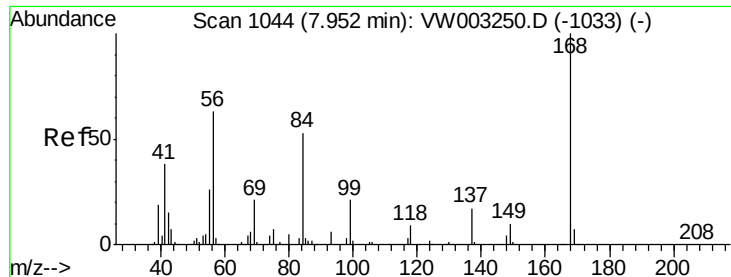
Instrument :
MSVOA_W
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Quant Time: Jun 27 17:54:07 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 05:18:54 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003474.D

Acq: 23 Jun 2018 21:12

Instrument :

MSVOA_W

ClientSampleId :

WP021SB485-29-31-180619

Tot Ion:168 Resp: 178444

Ion Ratio Lower Upper

168 100

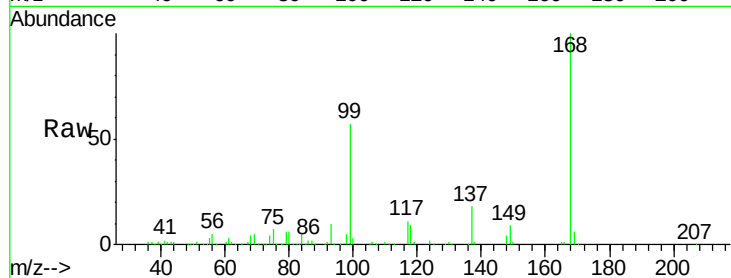
99 56.7 45.5 68.3

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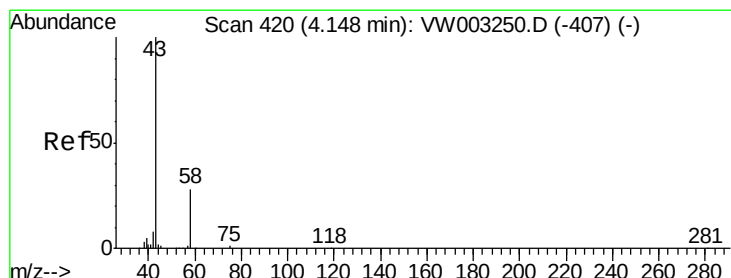
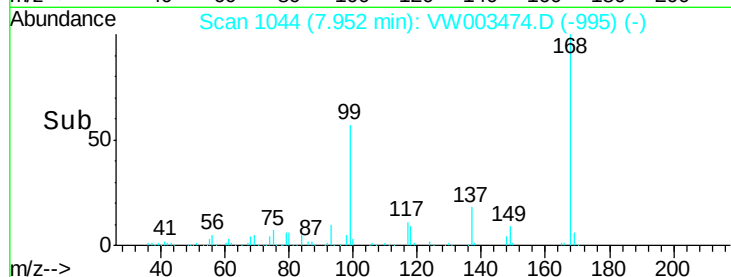
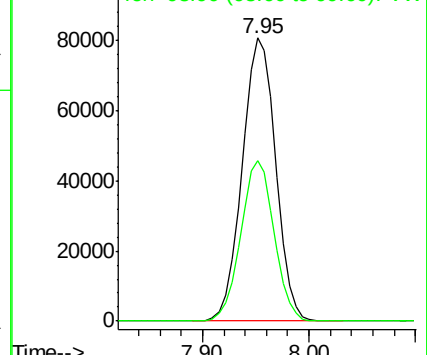
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 197.49 ug/l

RT: 4.15 min Scan# 421

Delta R.T. 0.01 min

Lab File: VW003474.D

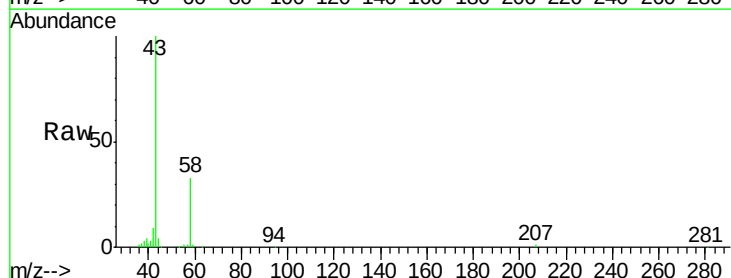
Acq: 23 Jun 2018 21:12

Tgt Ion: 43 Resp: 80055

Ion Ratio Lower Upper

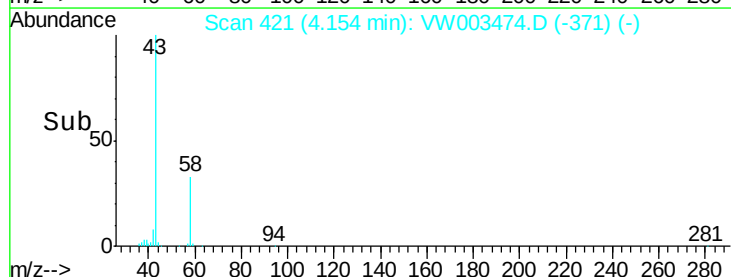
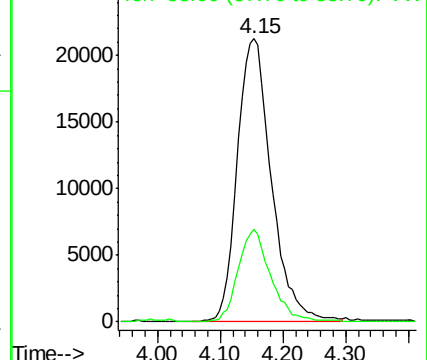
43 100

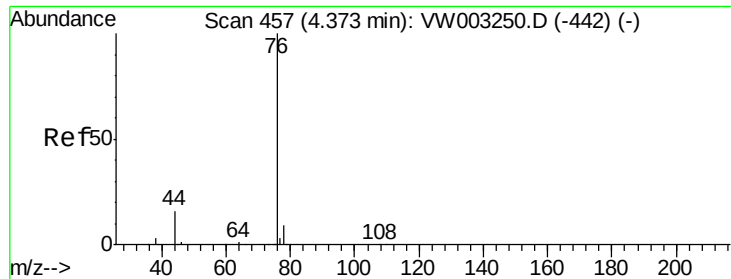
58 32.5 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 2.87 ug/l

RT: 4.37 min Scan# 457

Delta R.T. 0.00 min

Lab File: VW003474.D

Acq: 23 Jun 2018 21:12

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.1	10.7

Instrument :

MSVOA_W

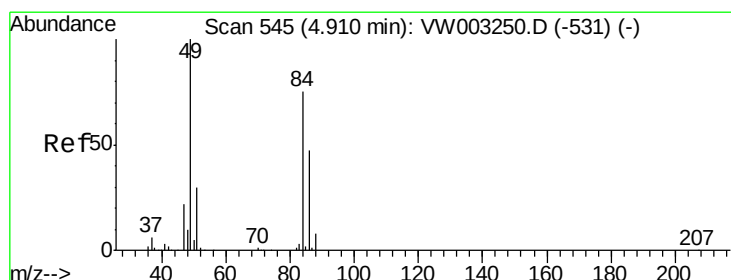
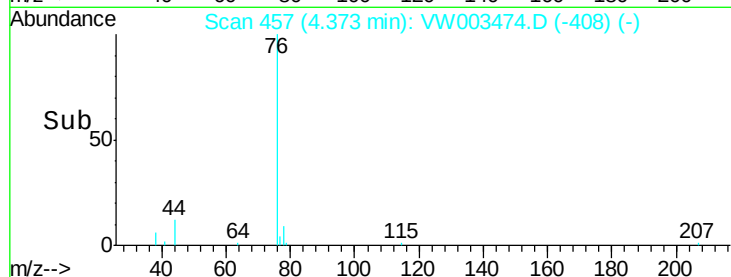
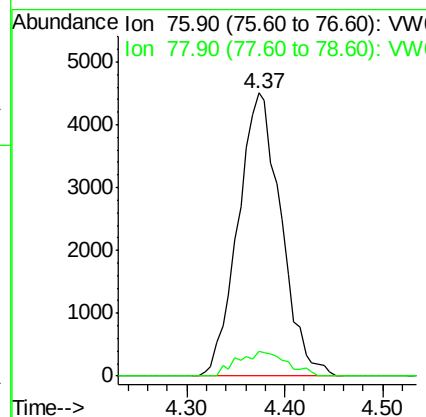
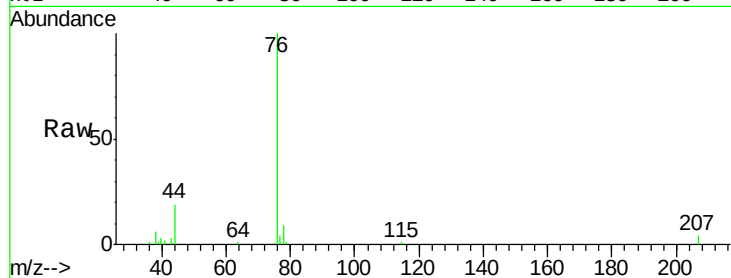
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#20

Methylene Chloride

Concen: 4.74 ug/l

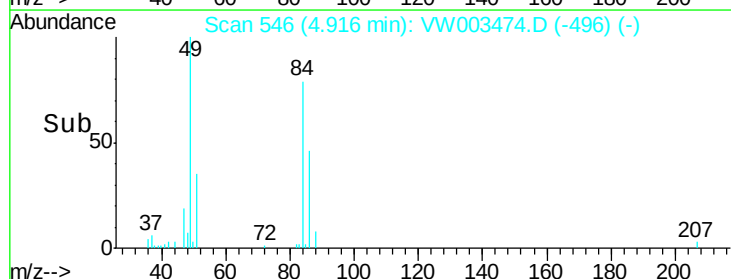
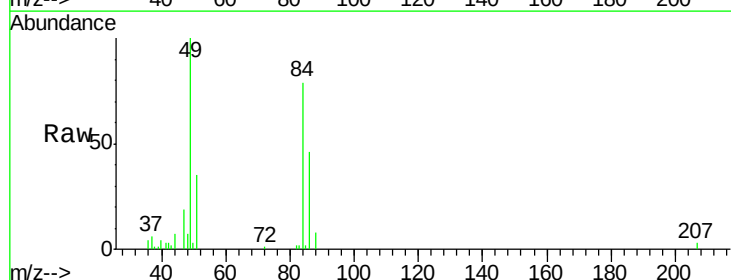
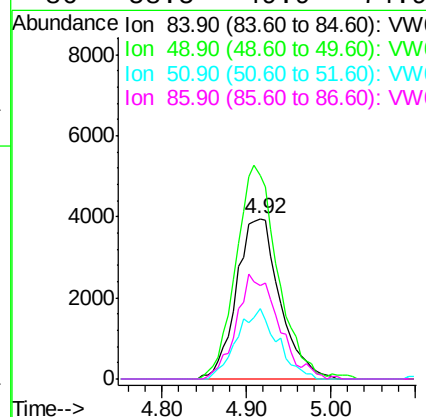
RT: 4.92 min Scan# 546

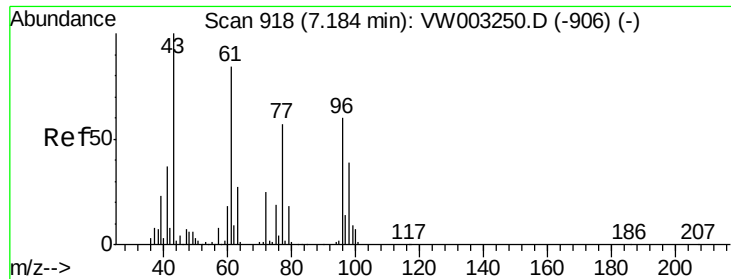
Delta R.T. 0.01 min

Lab File: VW003474.D

Acq: 23 Jun 2018 21:12

Tgt Ion	Ratio	Lower	Upper
84	100		
49	127.0	106.3	159.5
51	43.9	32.0	48.0
86	58.5	49.9	74.9





#25

2-Butanone

Concen: 51.21 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.00 min

Lab File: VW003474.D

Acq: 23 Jun 2018 21:12

Instrument :

MSVOA_W

ClientSampleId :

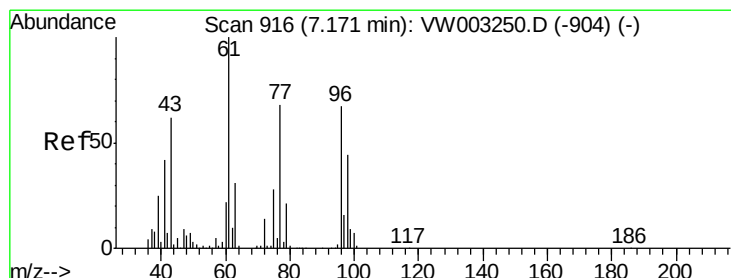
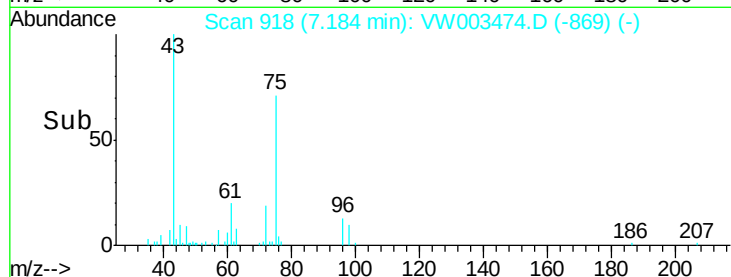
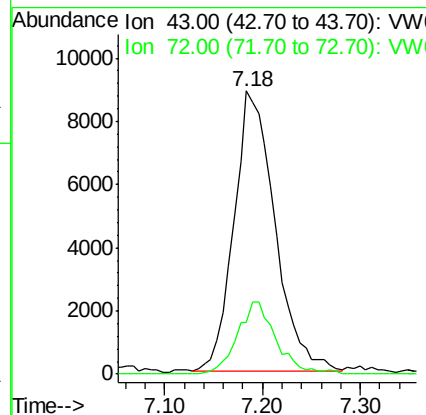
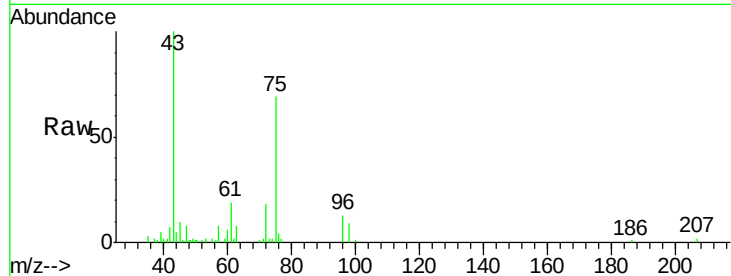
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Tot Ion: 43 Resp: 25812

Ion	Ratio	Lower	Upper
43	100		
72	18.7	20.3	30.5#

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#27

cis-1,2-Dichloroethene

Concen: 2.43 ug/l

RT: 7.17 min Scan# 916

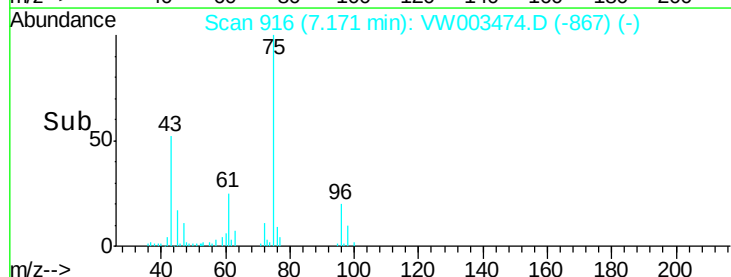
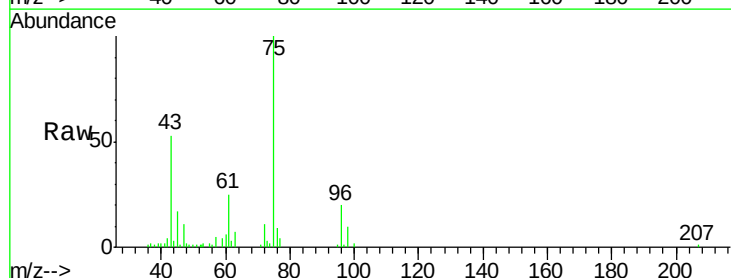
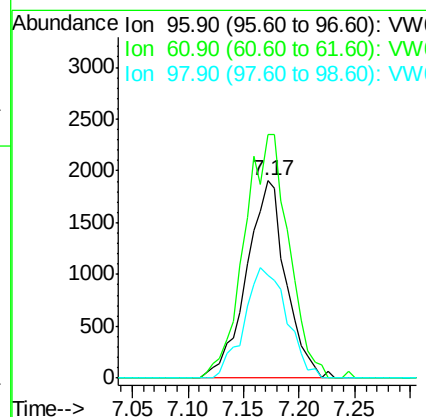
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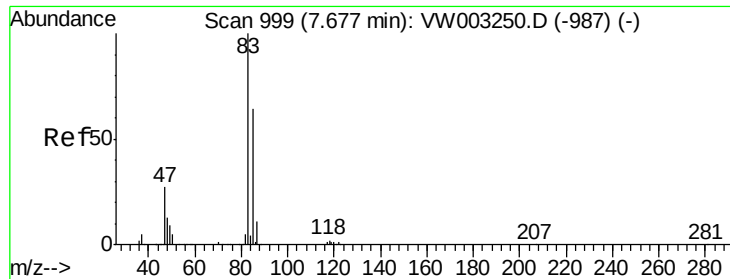
Lab File: VW003474.D

Acq: 23 Jun 2018 21:12

Tgt Ion: 96 Resp: 4688

Ion	Ratio	Lower	Upper
96	100		
61	139.2	0.0	298.8
98	60.2	0.0	130.4





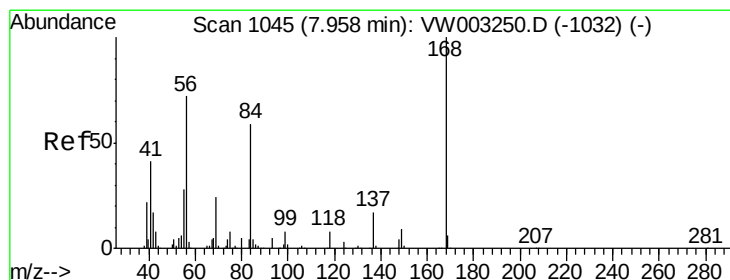
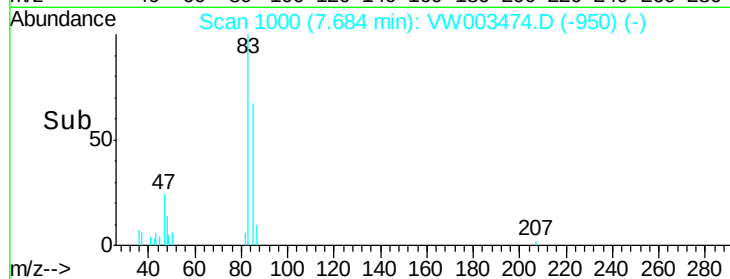
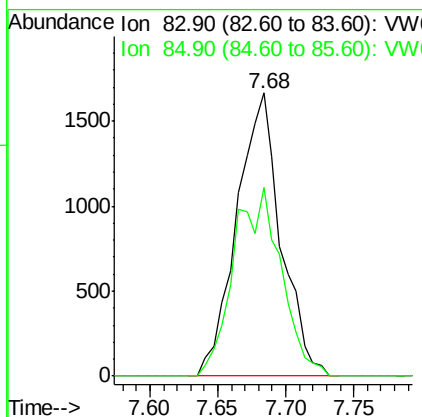
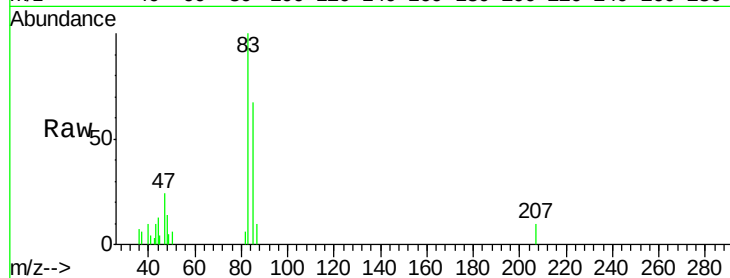
#30
Chloroform
Concen: 1.11 ug/l
RT: 7.68 min Scan# 1000
Delta R.T. 0.01 min
Lab File: VW003474.D
Acq: 23 Jun 2018 21:12

Instrument :
MSVOA_W
ClientSampleId :
WP021SB485-29-31-180619

Tot Ion	83	Resp	3783
Ion Ratio	100	Lower	Upper
85	66.7	51.3	76.9

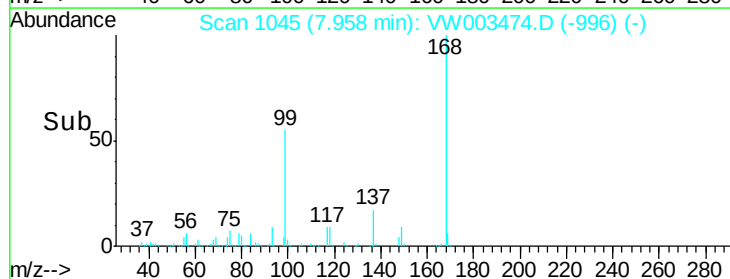
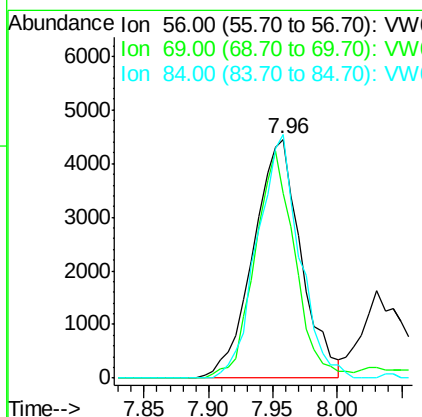
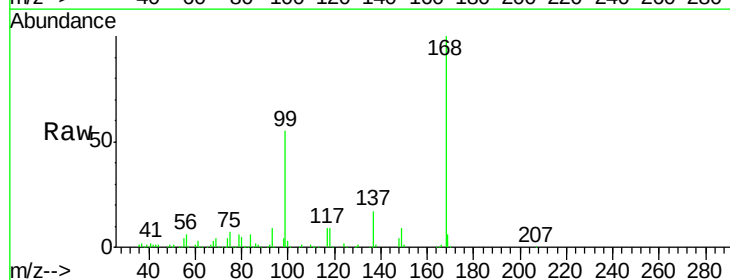
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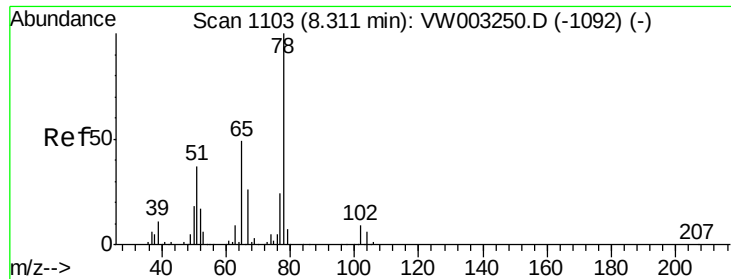
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#31
Cyclohexane
Concen: 3.67 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. 0.00 min
Lab File: VW003474.D
Acq: 23 Jun 2018 21:12

Tgt Ion	56	Resp	11448
Ion Ratio	100	Lower	Upper
69	77.2	26.3	39.5#
84	101.8	65.7	98.5#





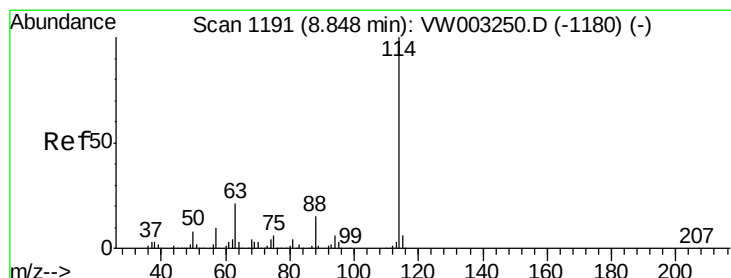
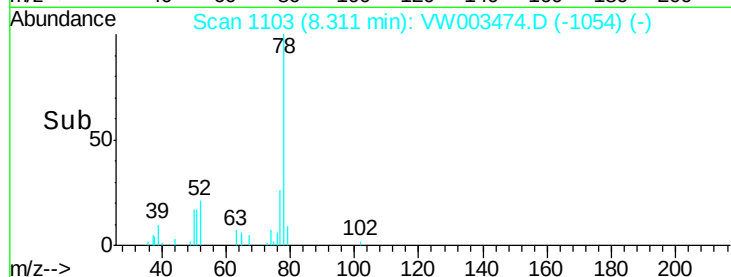
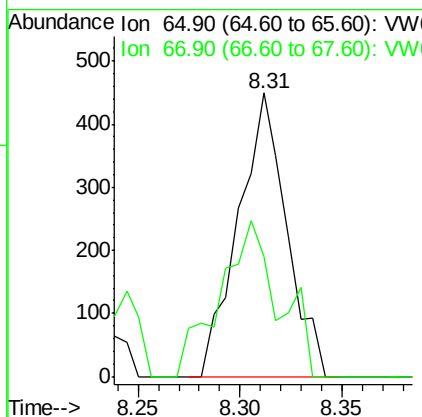
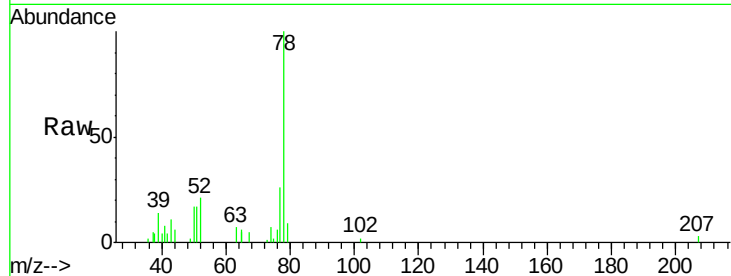
#33
 1,2-Dichloroethane-d4
 Concen: 0.38 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW003474.D
 Acq: 23 Jun 2018 21:12

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB485-29-31-180619

Tot Ion	Ratio	Lower	Upper
65	100		
67	67.1	0.0	104.2

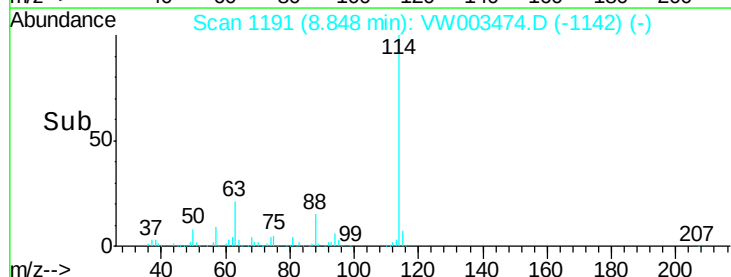
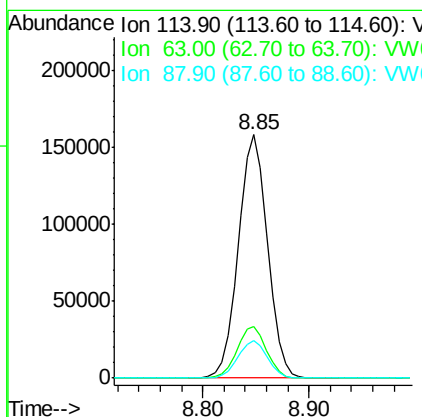
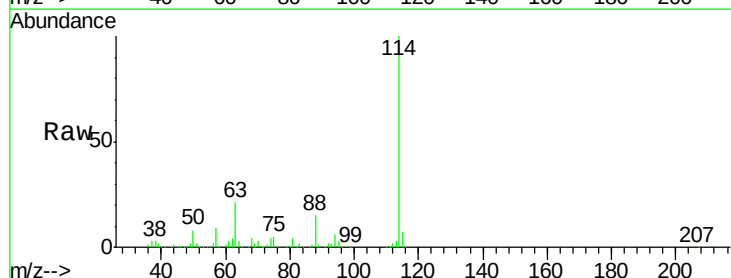
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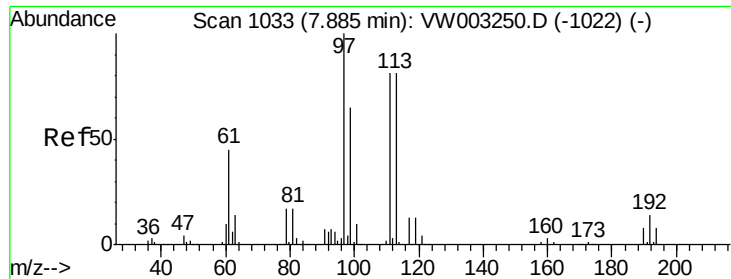
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003474.D
 Acq: 23 Jun 2018 21:12

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	43.0
88	15.4	0.0	29.6





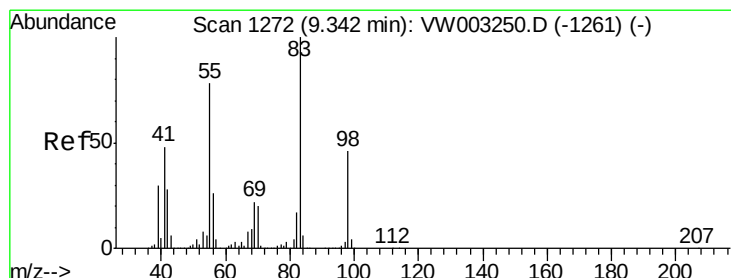
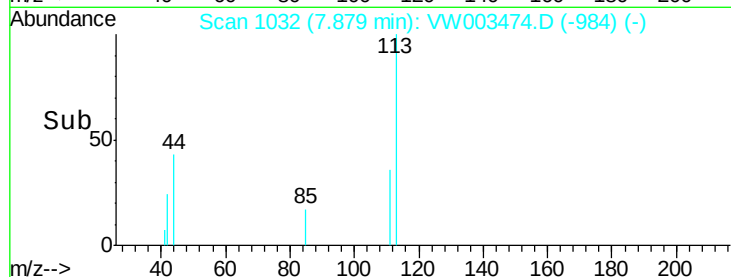
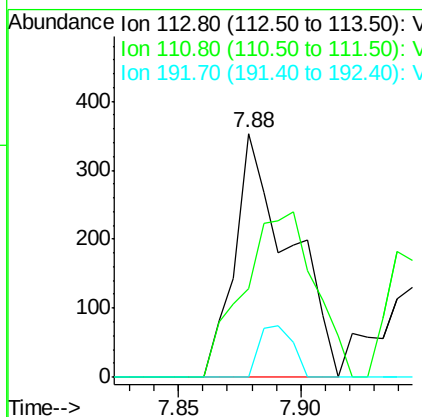
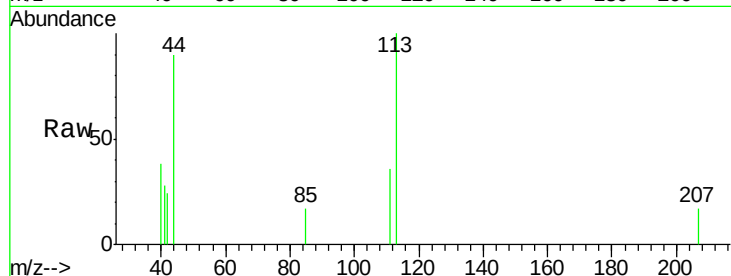
#35
Dibromofluoromethane
Concen: 0.29 ug/l
RT: 7.88 min Scan# 1032
Delta R.T. -0.01 min
Lab File: VW003474.D
Acq: 23 Jun 2018 21:12

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MSVOA_W
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
113	100		
111	88.0	82.2	123.2
192	13.1	16.2	24.2

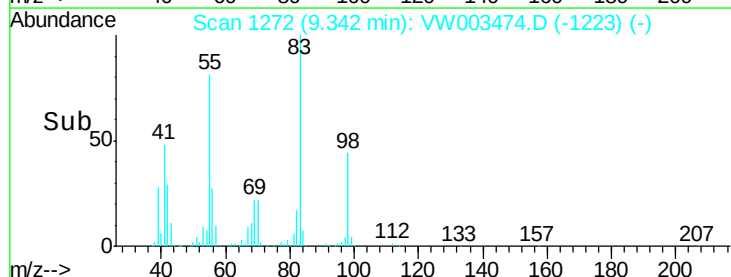
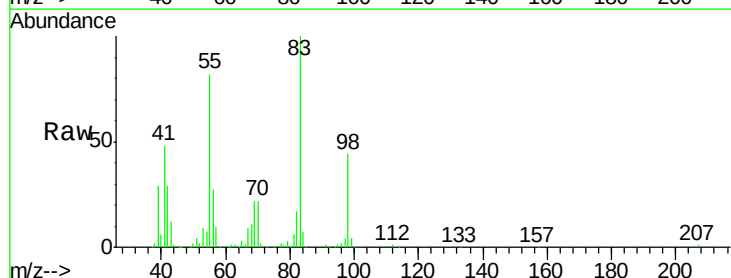
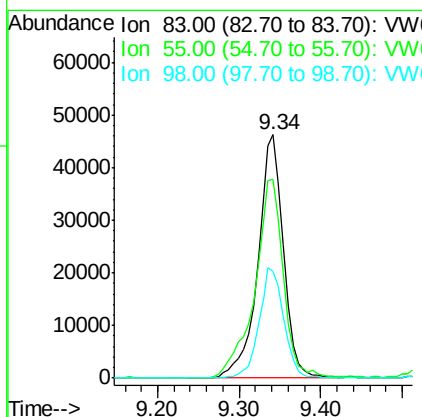
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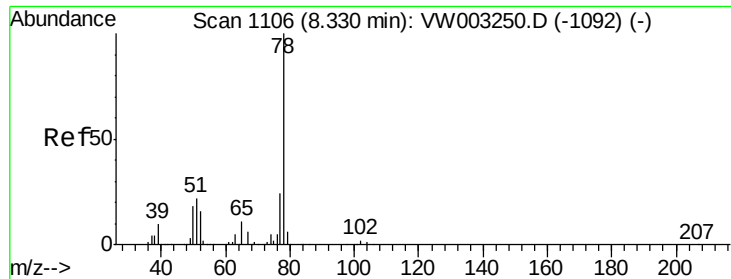
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#39
Methylcyclohexane
Concen: 29.81 ug/l
RT: 9.34 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VW003474.D
Acq: 23 Jun 2018 21:12

Tgt Ion	Ratio	Lower	Upper
83	100		
55	81.6	62.6	93.8
98	44.0	37.0	55.4





#40

Benzene

Concen: 2.15 ug/l

RT: 8.33 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VW003474.D

Acq: 23 Jun 2018 21:12

Instrument :

MSVOA_W

ClientSampleId :

WP021SB485-29-31-180619

Tot Ion: 78 Resp: 17380

Ion Ratio Lower Upper

78 100

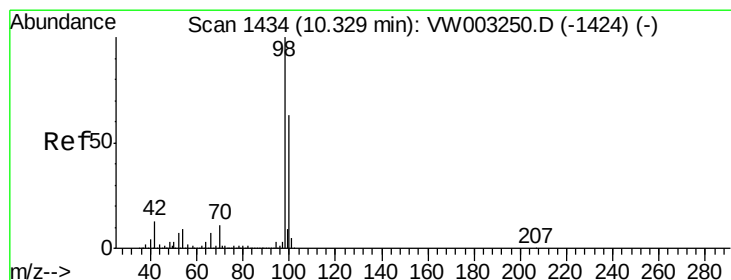
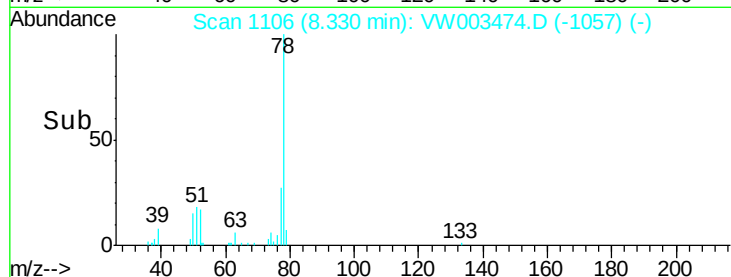
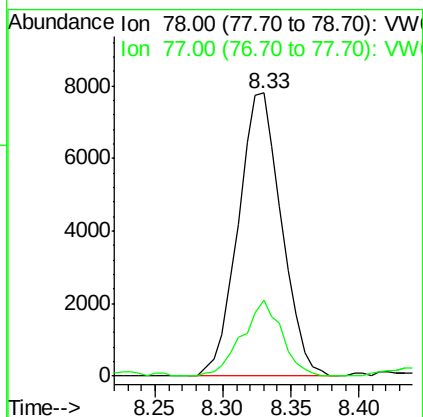
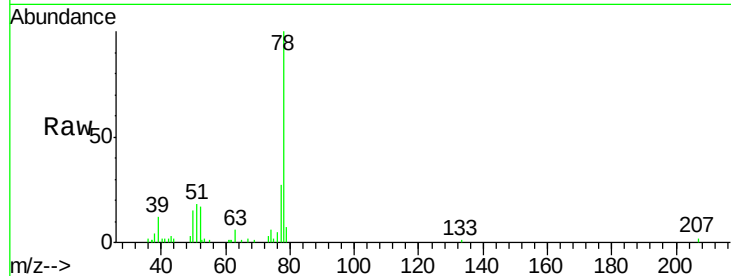
77 27.0 19.0 28.6

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#50

Toluene-d8

Concen: 1.23 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW003474.D

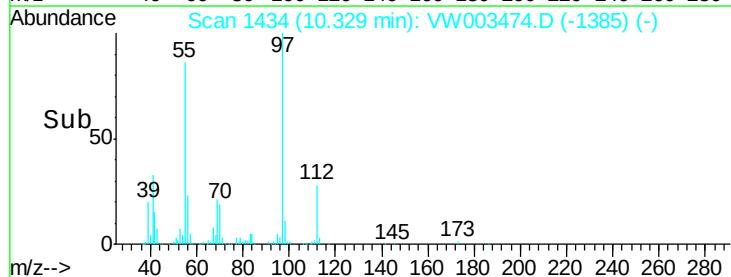
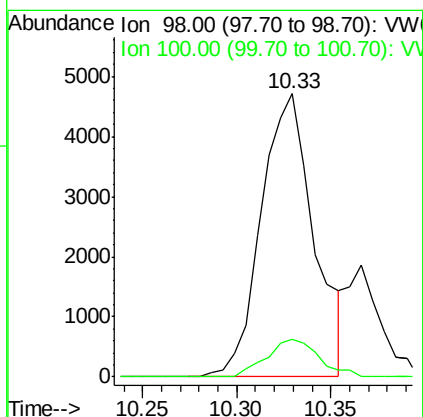
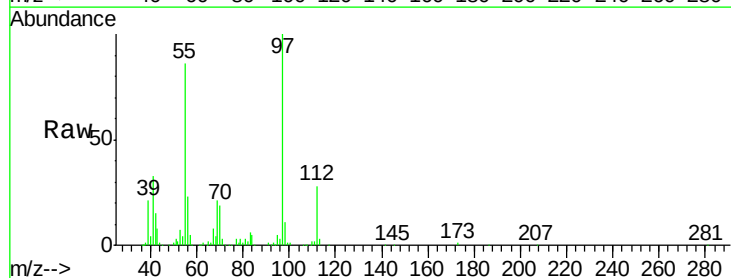
Acq: 23 Jun 2018 21:12

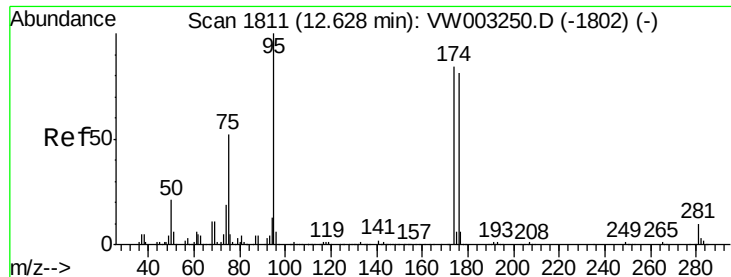
Tgt Ion: 98 Resp: 9161

Ion Ratio Lower Upper

98 100

100 13.1 50.8 76.2#





#62

4-Bromofluorobenzene

Concen: 24.25 ug/l

RT: 12.62 min Scan# 1809

Delta R.T. -0.01 min

Lab File: VW003474.D

Acq: 23 Jun 2018 21:12

Instrument :

MSVOA_W

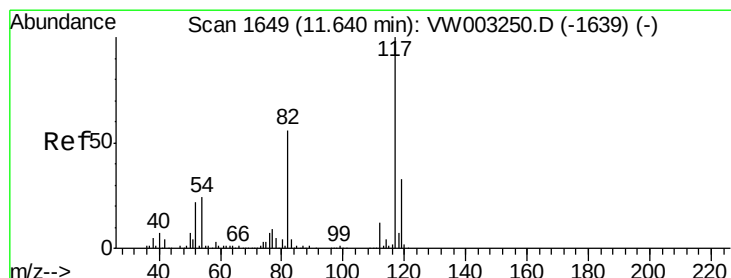
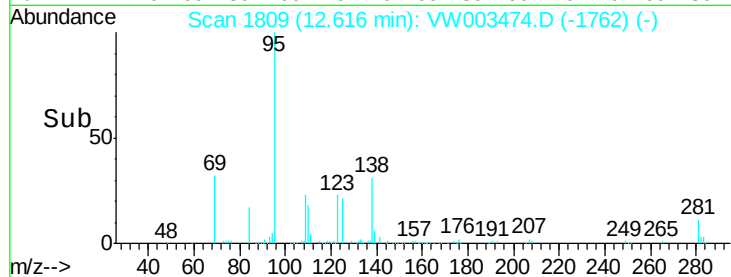
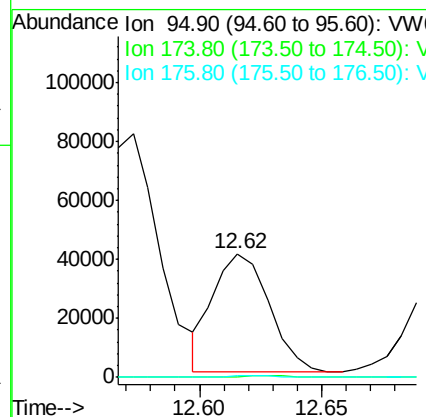
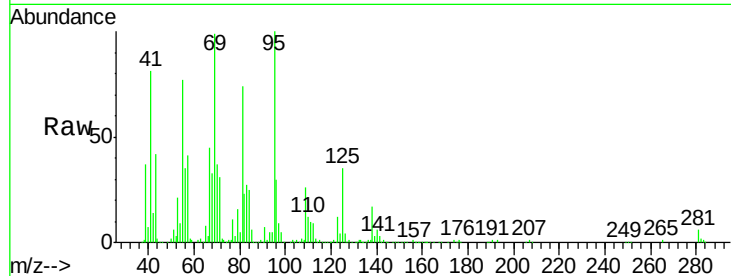
ClientSampleId :

WP021SB485-29-31-180619

Tot Ion:	95	Resp:	64163
Ion Ratio	Lower	Upper	
95	100		
174	1.4	0.0	166.4
176	1.2	0.0	162.0

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#63

Chlorobenzene-d5

Concen: 50.00 ug/l

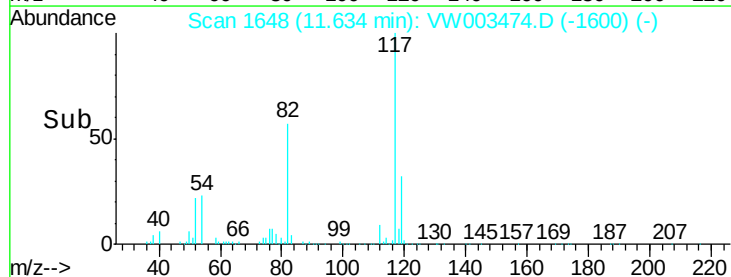
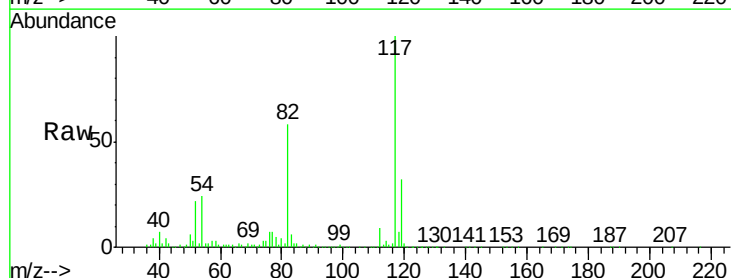
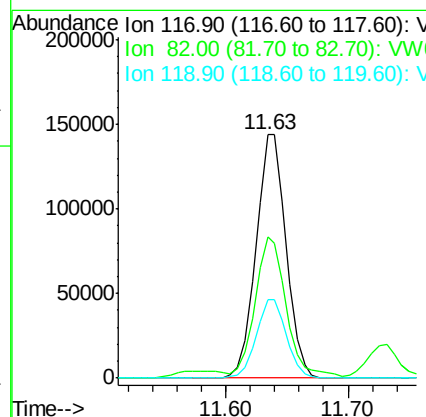
RT: 11.63 min Scan# 1648

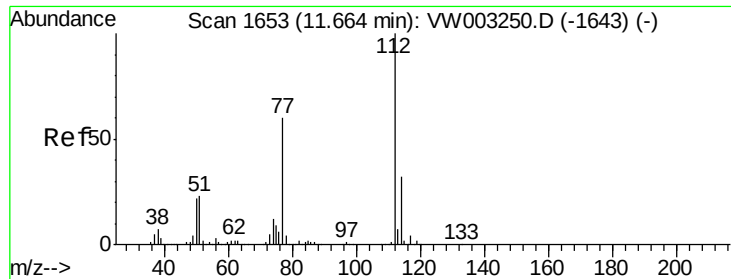
Delta R.T. -0.01 min

Lab File: VW003474.D

Acq: 23 Jun 2018 21:12

Tgt Ion:	117	Resp:	245710
Ion Ratio	Lower	Upper	
117	100		
82	56.9	44.6	67.0
119	32.4	26.7	40.1





#65

Chlorobenzene

Concen: 118.34 ug/l

RT: 11.66 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VW003474.D

Acq: 23 Jun 2018 21:12

Instrument :

MSVOA_W

ClientSampleId :

WP021SB485-29-31-180619

Tot Ion:112 Resp: 605489

Ion Ratio Lower Upper

112 100

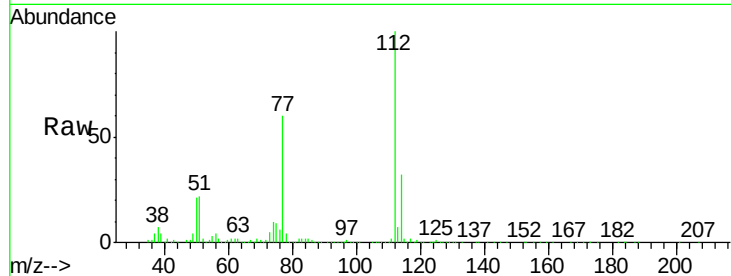
114 32.0 25.9 38.9

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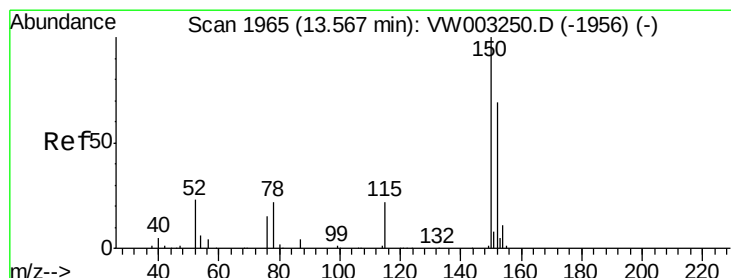
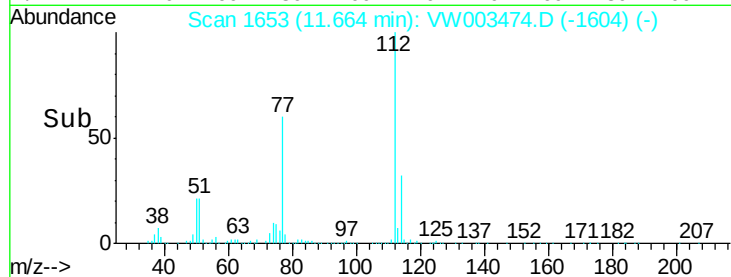
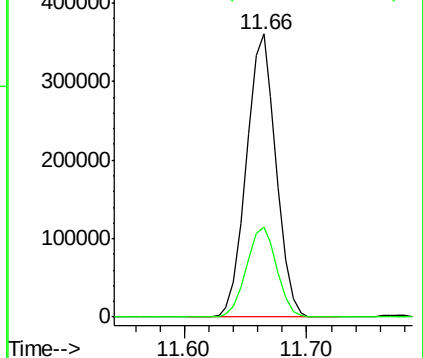
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): 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: VW003474.D

Acq: 23 Jun 2018 21:12

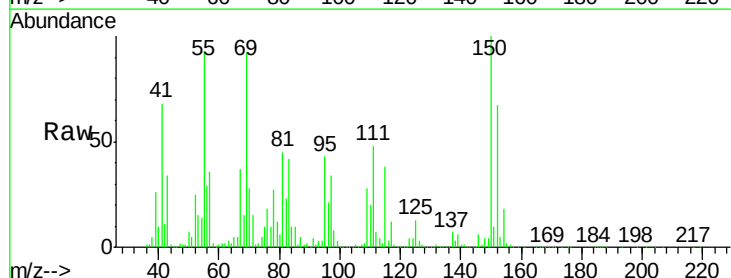
Tgt Ion:152 Resp: 103716

Ion Ratio Lower Upper

152 100

115 44.3 29.3 88.0

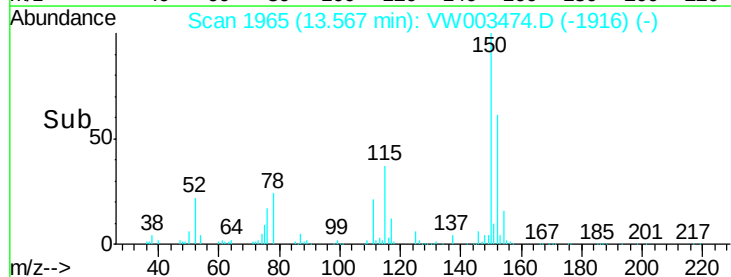
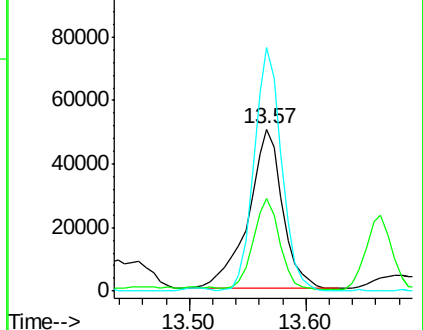
150 120.8 0.0 349.6

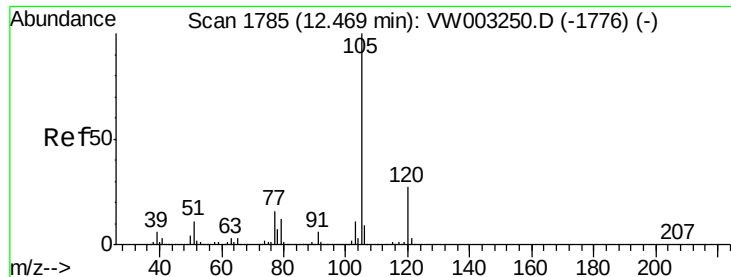


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 4.70 ug/l

RT: 12.48 min Scan# 1786

Delta R.T. 0.01 min

Lab File: VW003474.D

Acq: 23 Jun 2018 21:12

Instrument :

MSVOA_W

ClientSampleId :

WP021SB485-29-31-180619

Tot Ion:105 Resp: 33936

Ion Ratio Lower Upper

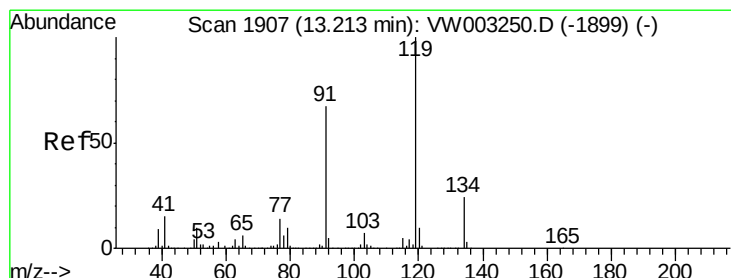
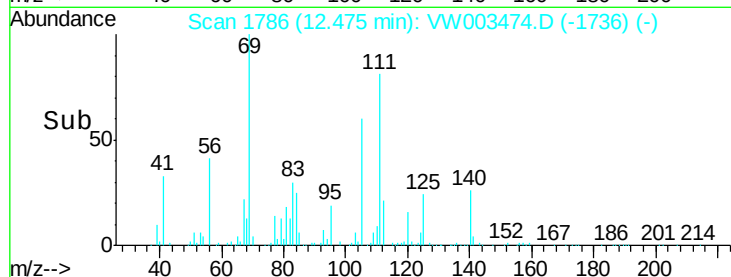
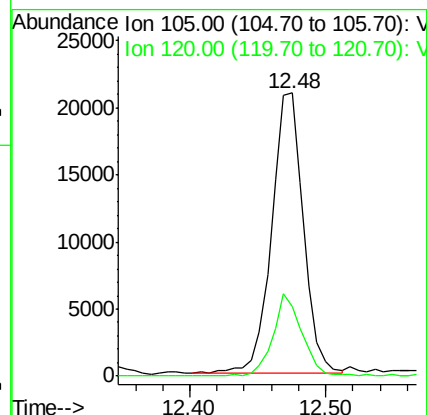
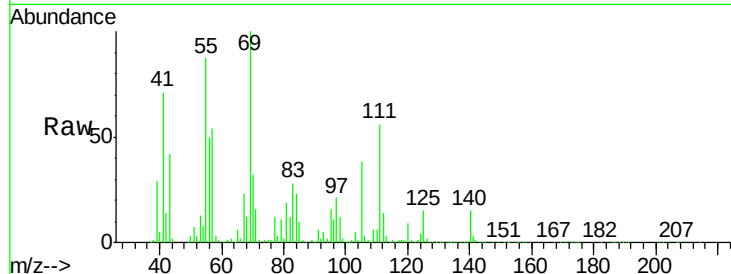
105 100

120 27.4 13.2 39.6

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#83

tert-Butylbenzene

Concen: 15.28 ug/l

RT: 13.21 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VW003474.D

Acq: 23 Jun 2018 21:12

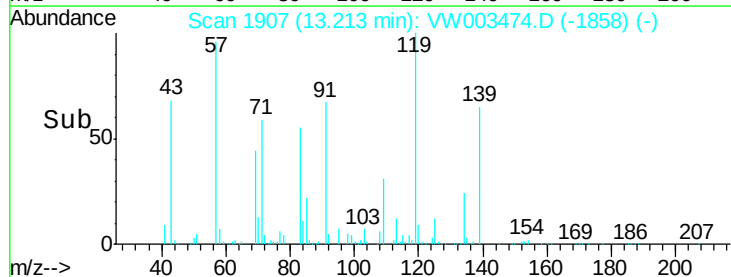
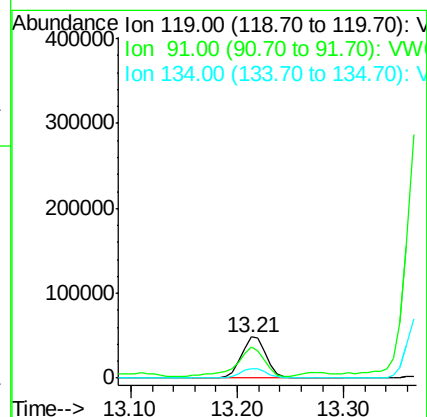
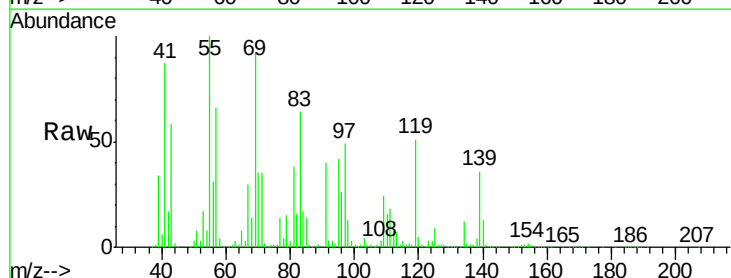
Tgt Ion:119 Resp: 78860

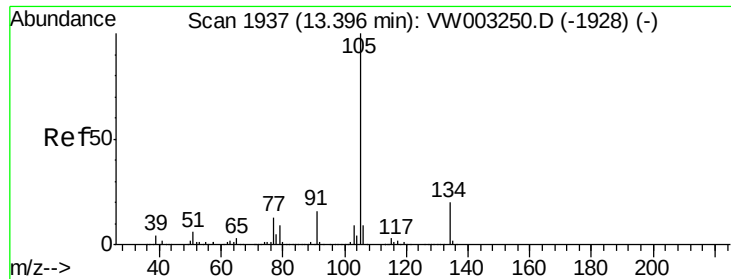
Ion Ratio Lower Upper

119 100

91 77.0 33.9 101.7

134 24.2 13.4 40.1





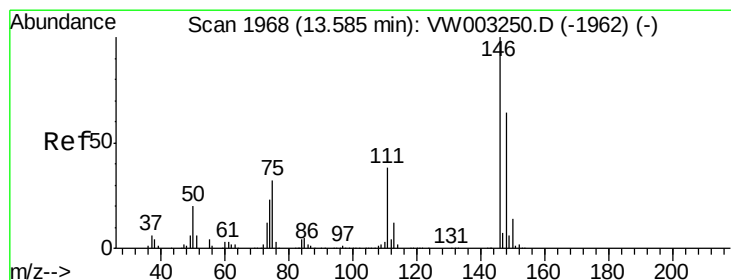
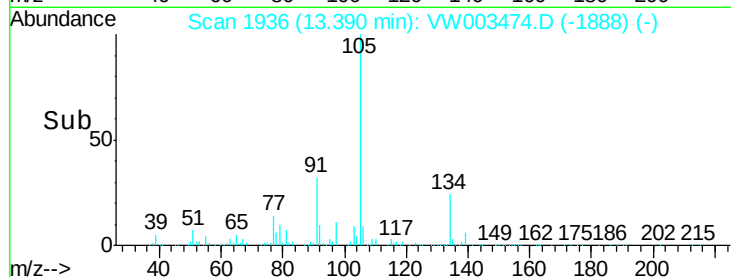
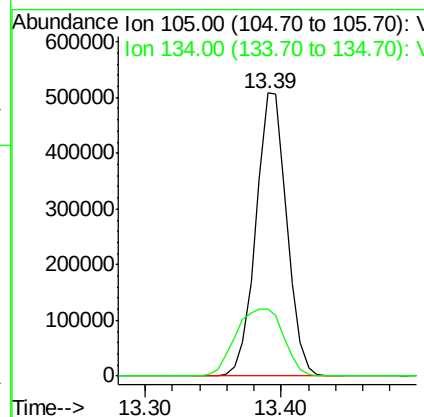
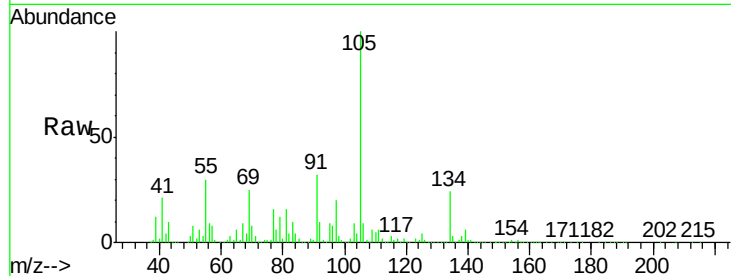
#85
 sec-Butylbenzene
 Concen: 105.21 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: VW003474.D
 Acq: 23 Jun 2018 21:12

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB485-29-31-180619

Tot Ion	Ratio	Resp	Lower	Upper
105	100	806962		
134	36.9	9.8	29.5#	

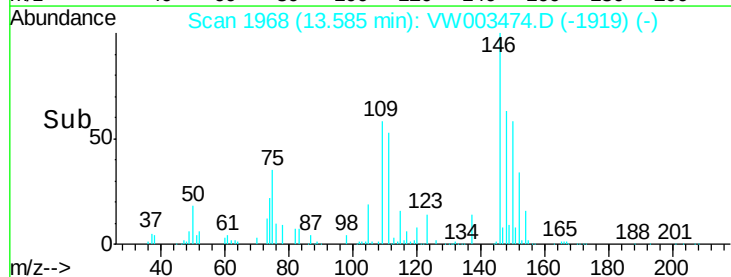
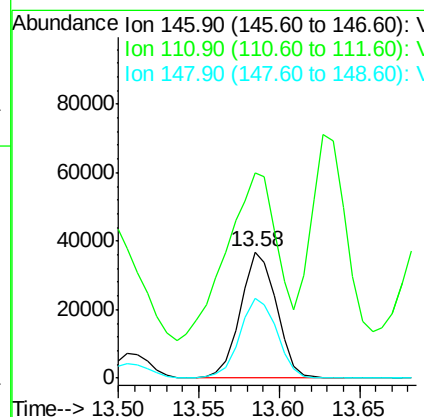
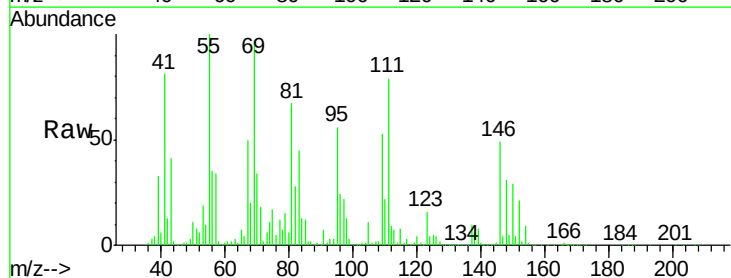
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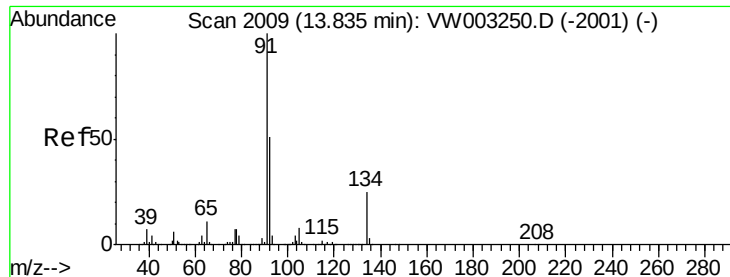
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#88
 1,4-Dichlorobenzene
 Concen: 16.85 ug/l m
 RT: 13.58 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW003474.D
 Acq: 23 Jun 2018 21:12

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	57803		
111	0.0	19.2	57.6#	
148	0.0	31.8	95.4#	





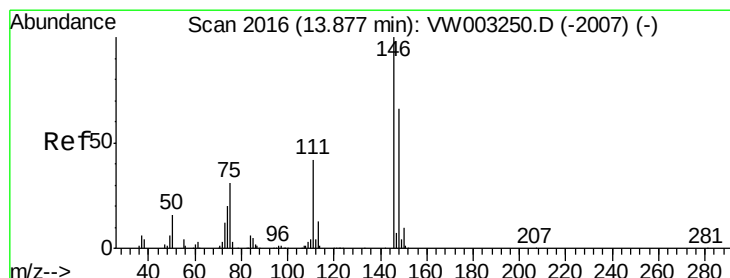
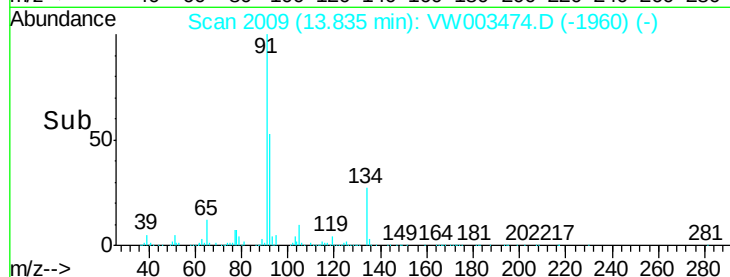
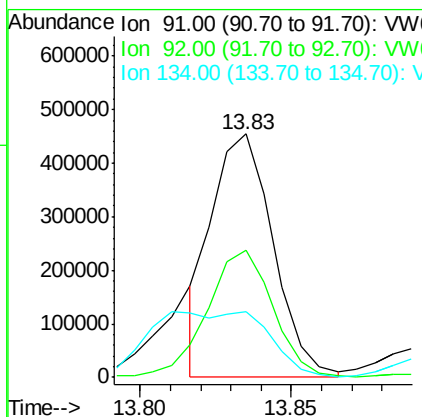
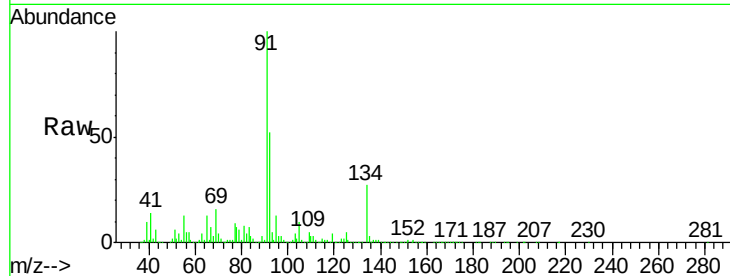
#89
n-Butylbenzene
Concen: 97.30 ug/l m
RT: 13.83 min Scan# 2009
Delta R.T. 0.00 min
Lab File: VW003474.D
Acq: 23 Jun 2018 21:12

Instrument :
MSVOA_W
ClientSampleId :
WP021SB485-29-31-180619

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.3	26.0	78.0
134	0.0	12.7	38.0#

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#91
1,2-Dichlorobenzene
Concen: 7.31 ug/l m
RT: 13.88 min Scan# 2016
Delta R.T. 0.00 min
Lab File: VW003474.D
Acq: 23 Jun 2018 21:12

Tgt Ion	Ratio	Lower	Upper
146	100		
111	0.0	20.3	61.0#
148	0.0	32.3	96.9#

