

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010920\
 Data File : VW014584.D
 Acq On : 09 Jan 2020 16:02
 Operator : SY/VA
 Sample : L1056-09RE
 Misc : 7.11G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WP022SB450_200107_30-32RE

Quant Time: Jan 09 16:37:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 03 16:07:20 2020
 Response via : Initial Calibration

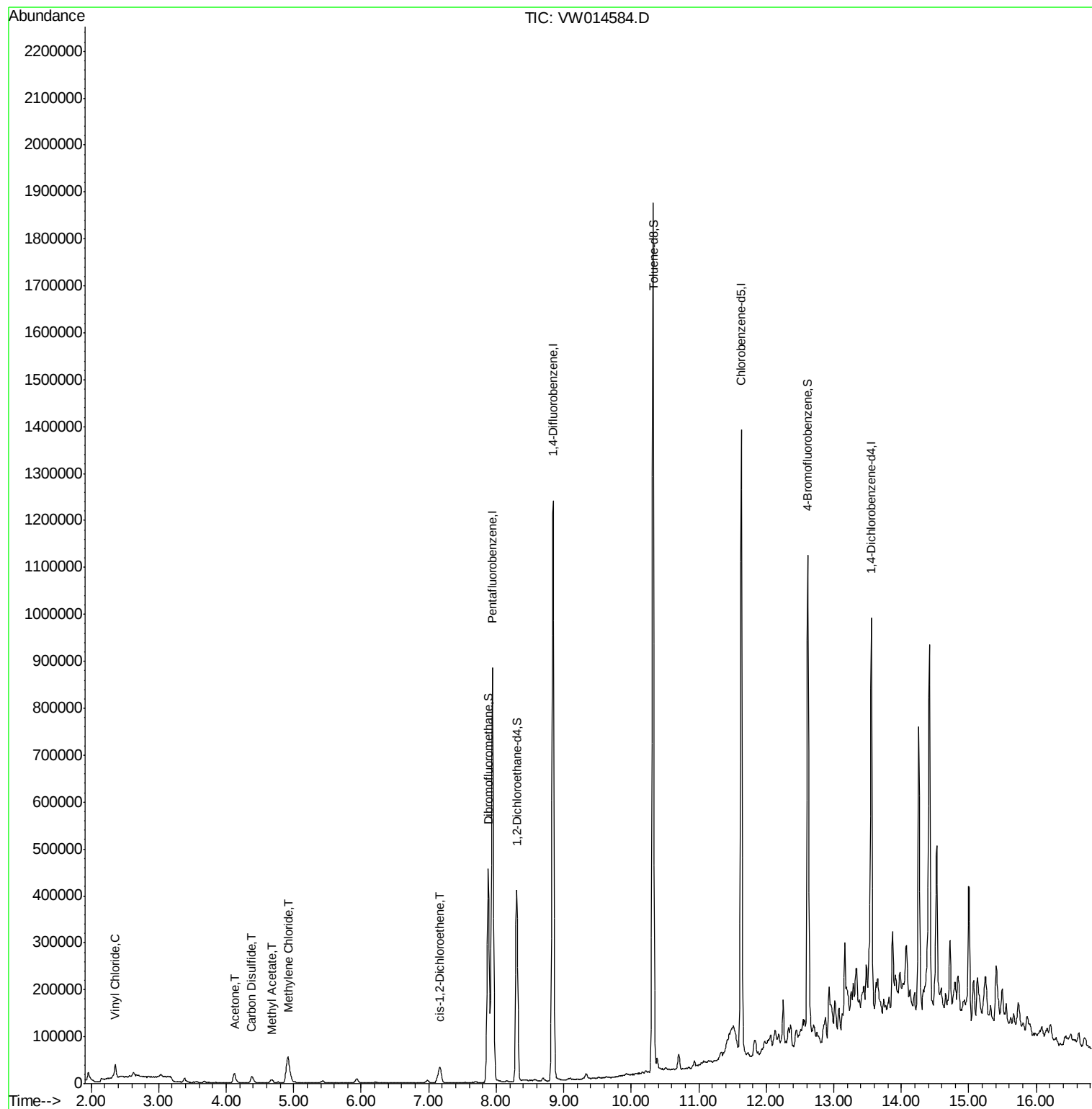
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	718542	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1093875	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	767670	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	231519	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	314872	50.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.24%	
35) Dibromofluoromethane	7.88	113	336431	53.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.62%	
50) Toluene-d8	10.32	98	1286505	49.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.62%	
62) 4-Bromofluorobenzene	12.62	95	317922	35.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	71.86%	
Target Compounds						
4) Vinyl Chloride	2.36	62	22430	3.071	ug/l	97
16) Acetone	4.12	43	33766	19.035	ug/l	94
17) Carbon Disulfide	4.38	76	22063	1.024	ug/l	98
18) Methyl Acetate	4.67	43	15743	3.675	ug/l	96
20) Methylene Chloride	4.91	84	50612	2.788	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	16994	2.130	ug/l	93

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

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW014584.D

Acq: 09 Jan 2020 16:02

Instrument :

MSVOA_W

ClientSampleId :

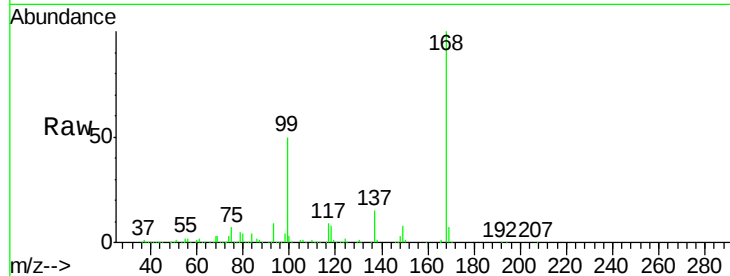
WP022SB450_200107_30-32RE

Tot Ion:168 Resp: 718542

Ion Ratio Lower Upper

168 100

99 49.5 41.1 61.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

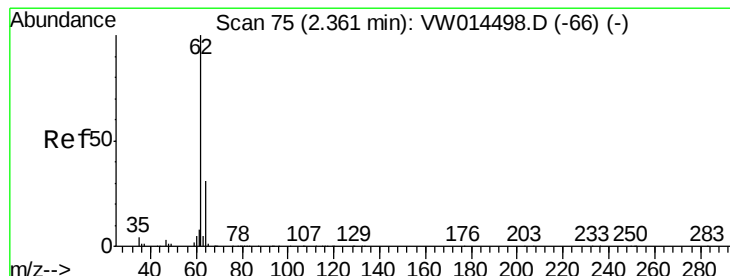
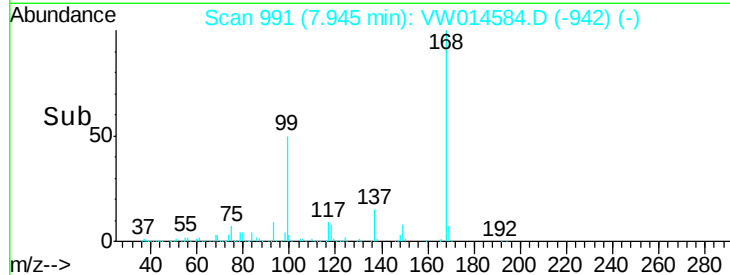
300000

200000

100000

0

Time-->



#4

Vinyl Chloride

Concen: 3.071 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW014584.D

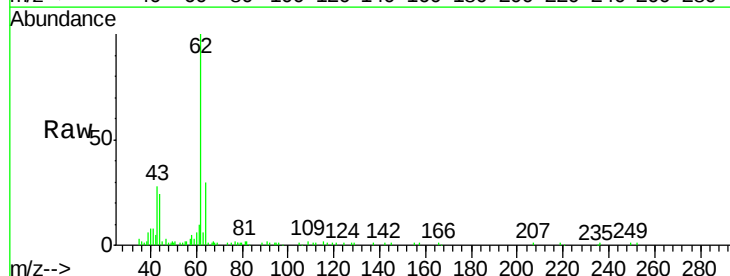
Acq: 09 Jan 2020 16:02

Tgt Ion: 62 Resp: 22430

Ion Ratio Lower Upper

62 100

64 29.5 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW

2.36

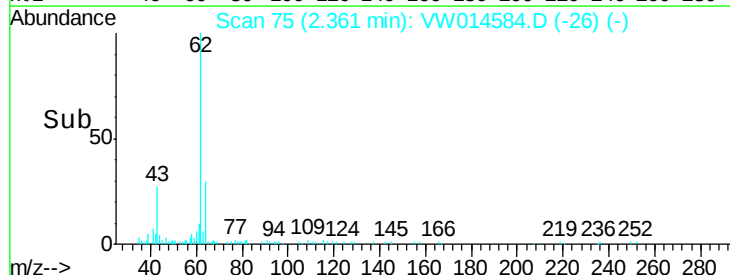
15000

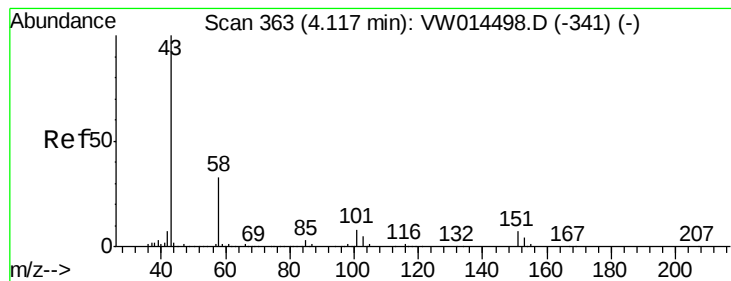
10000

5000

0

Time-->





#16

Acetone

Concen: 19.035 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW014584.D

Acq: 09 Jan 2020 16:02

Instrument :

MSVOA_W

ClientSampleId :

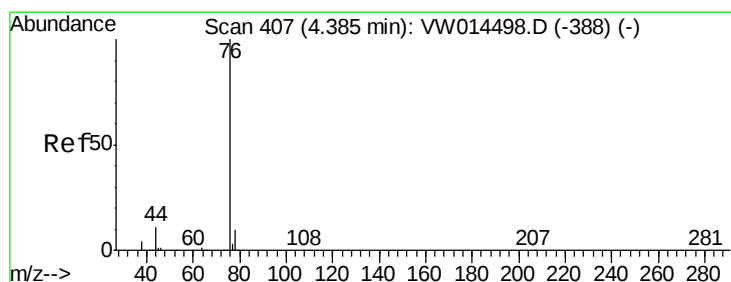
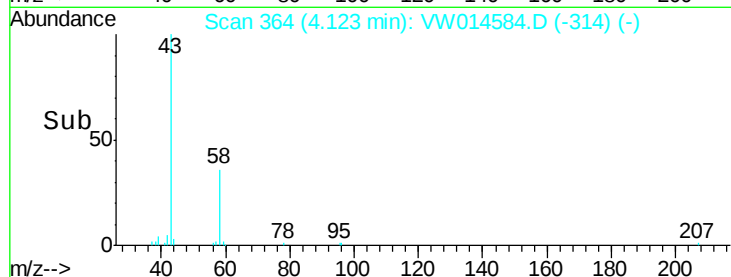
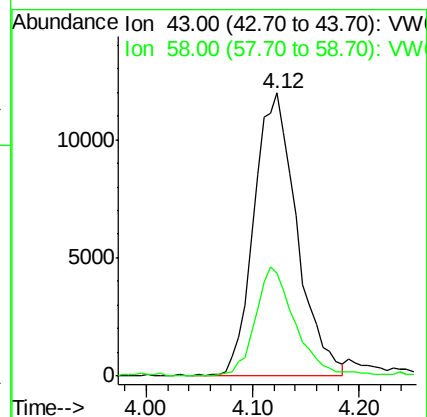
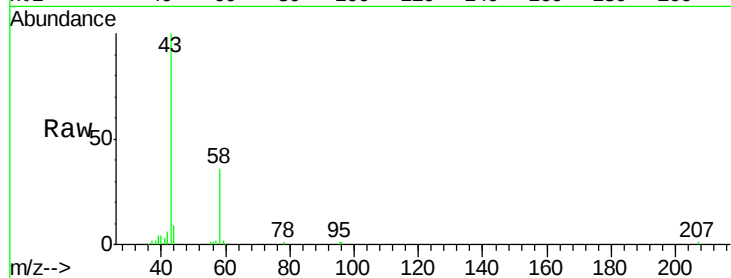
WP022SB450_200107_30-32RE

Tot Ion: 43 Resp: 33766

Ion Ratio Lower Upper

43 100

58 36.3 26.6 39.8



#17

Carbon Disulfide

Concen: 1.024 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW014584.D

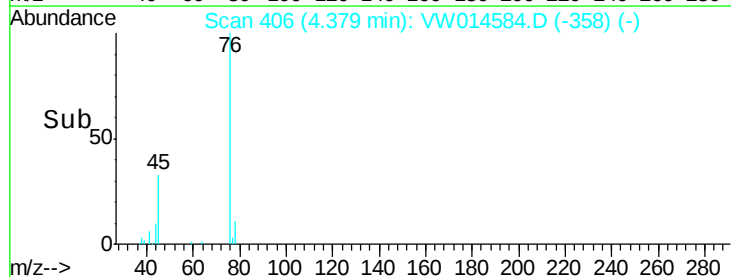
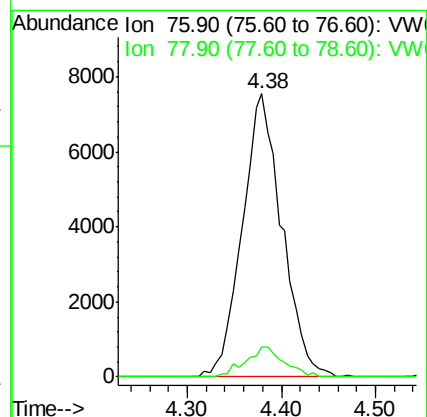
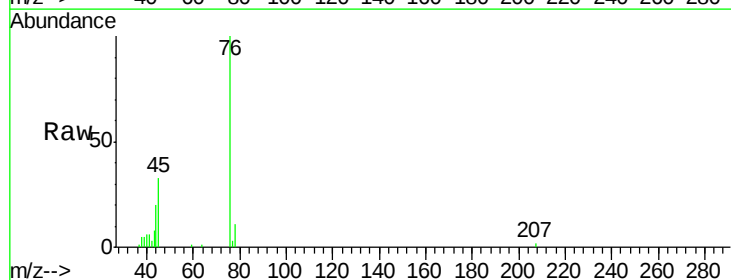
Acq: 09 Jan 2020 16:02

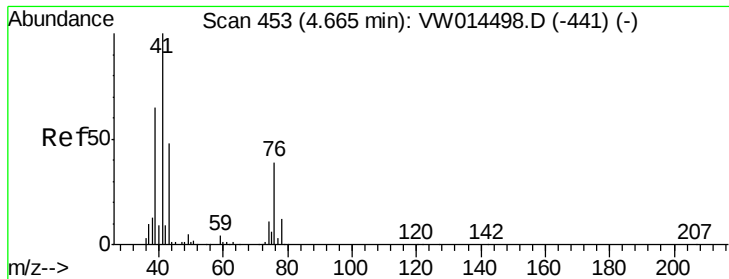
Tgt Ion: 76 Resp: 22063

Ion Ratio Lower Upper

76 100

78 10.5 7.8 11.6

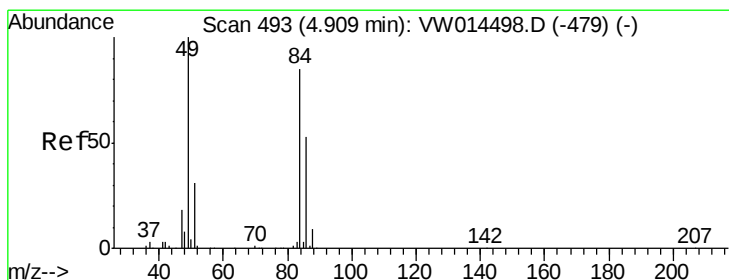
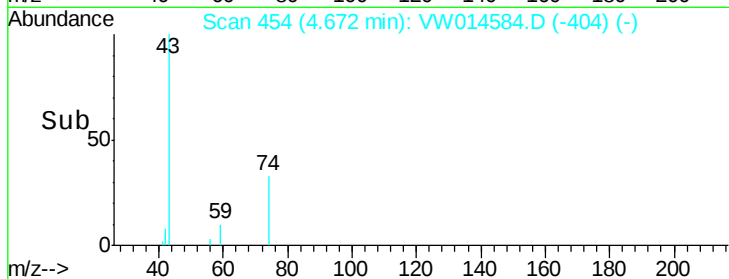
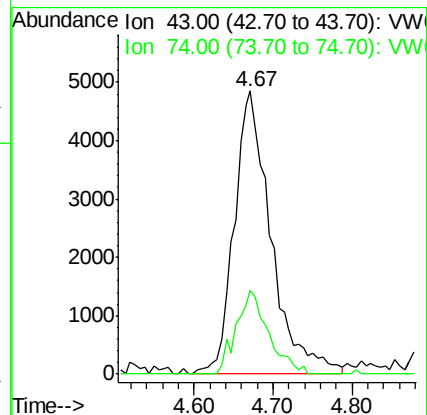
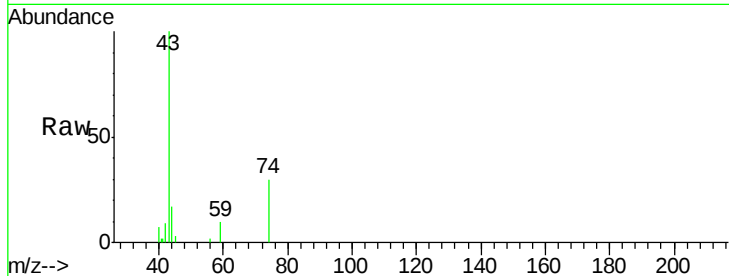




#18
Methyl Acetate
Concen: 3.675 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW014584.D
Acq: 09 Jan 2020 16:02

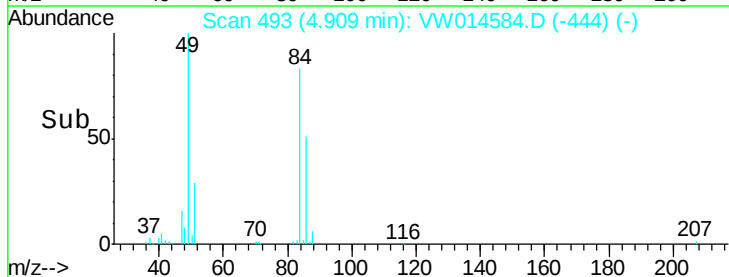
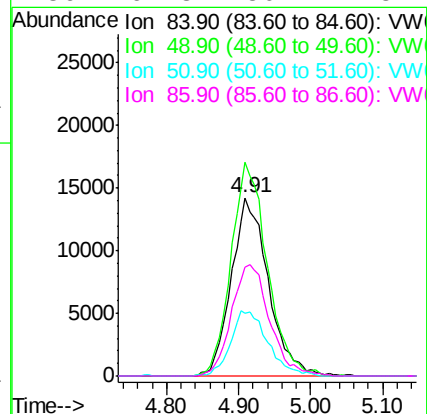
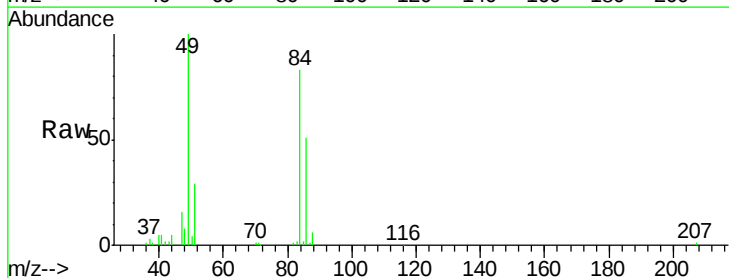
Instrument :
MSVOA_W
ClientSampleId :
WP022SB450_200107_30-32RE

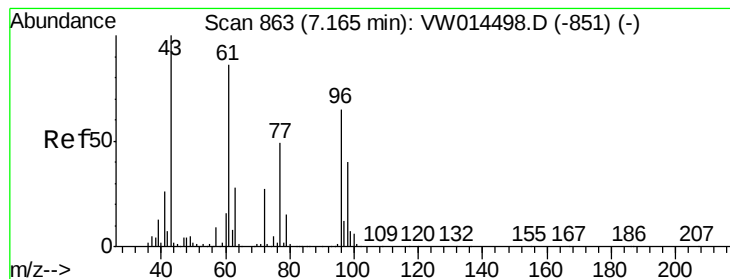
Tot Ion: 43 Resp: 15743
Ion Ratio Lower Upper
43 100
74 26.0 19.3 28.9



#20
Methylene Chloride
Concen: 2.788 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW014584.D
Acq: 09 Jan 2020 16:02

Tgt Ion: 84 Resp: 50612
Ion Ratio Lower Upper
84 100
49 119.8 94.4 141.6
51 35.1 29.5 44.3
86 61.3 50.2 75.2





#27

cis-1,2-Dichloroethene

Concen: 2.130 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW014584.D

Acq: 09 Jan 2020 16:02

Instrument :

MSVOA_W

ClientSampleId :

WP022SB450_200107_30-32RE

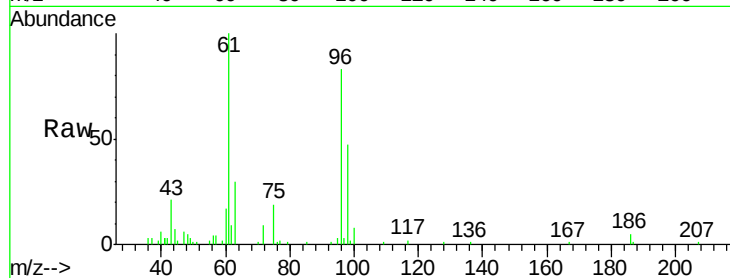
Tot Ion: 96 Resp: 16994

Ion Ratio Lower Upper

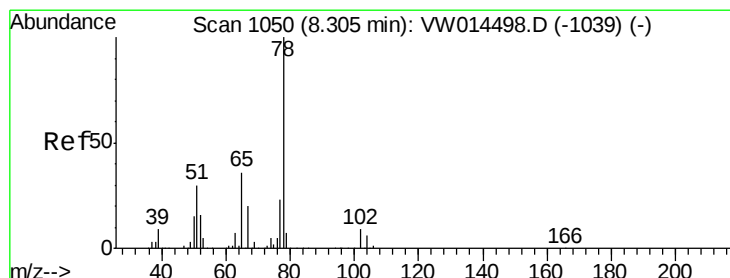
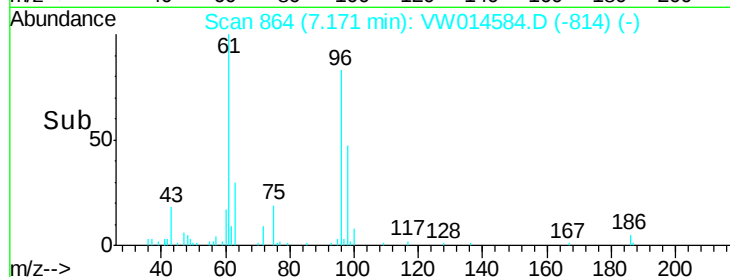
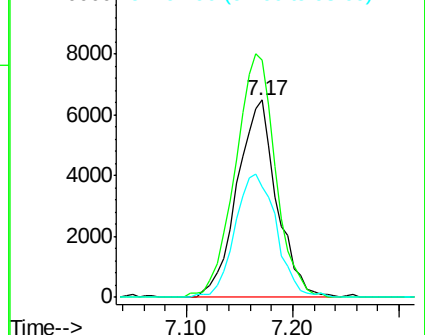
96 100

61 125.1 0.0 274.8

98 65.1 0.0 128.6



Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



#33

1,2-Dichloroethane-d4

Concen: 50.120 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW014584.D

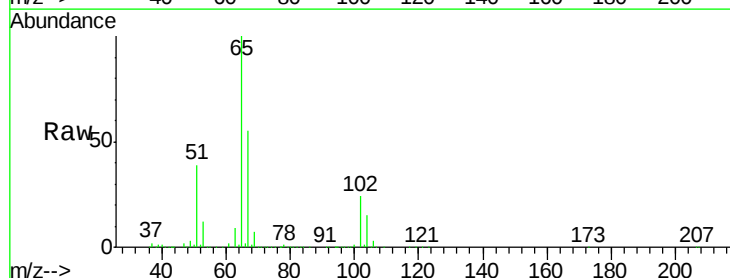
Acq: 09 Jan 2020 16:02

Tgt Ion: 65 Resp: 314872

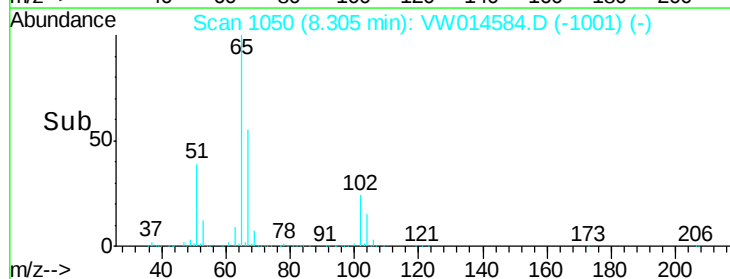
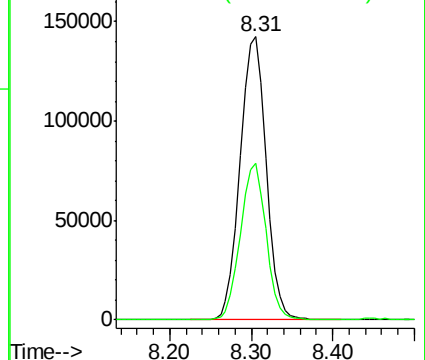
Ion Ratio Lower Upper

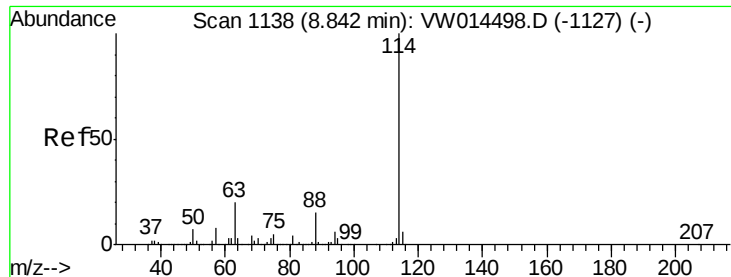
65 100

67 54.6 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW014584.D

Acq: 09 Jan 2020 16:02

Instrument :

MSVOA_W

ClientSampleId :

WP022SB450_200107_30-32RE

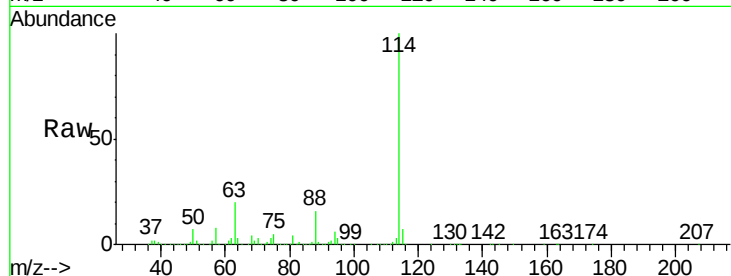
Tot Ion:114 Resp: 1093875

Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.4

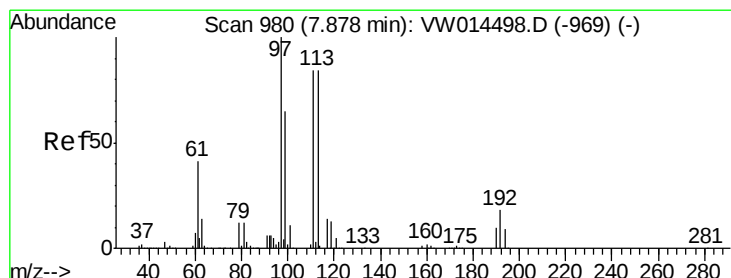
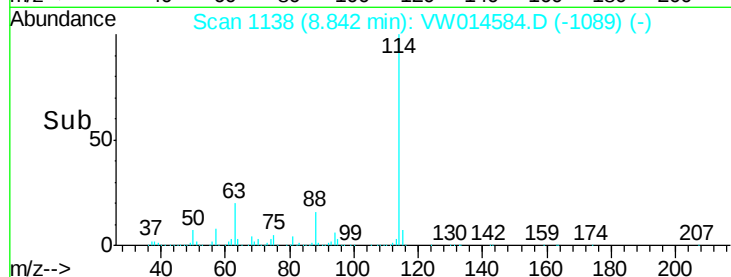
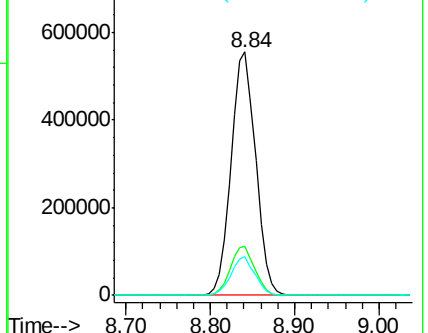
88 16.0 0.0 30.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35

Dibromofluoromethane

Concen: 53.814 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.01 min

Lab File: VW014584.D

Acq: 09 Jan 2020 16:02

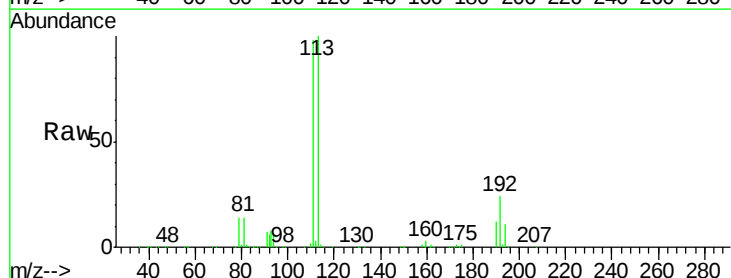
Tgt Ion:113 Resp: 336431

Ion Ratio Lower Upper

113 100

111 102.4 81.4 122.2

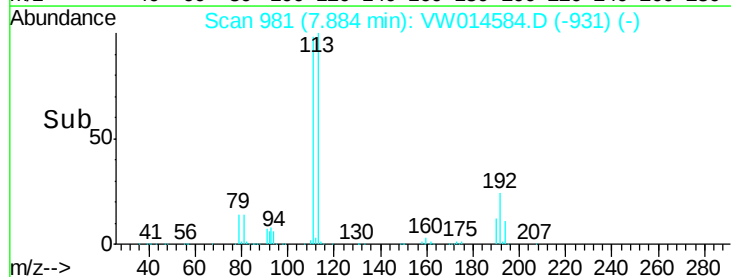
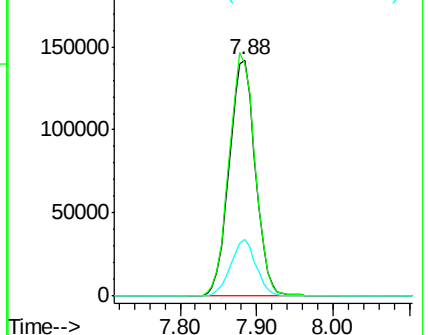
192 23.2 17.8 26.8

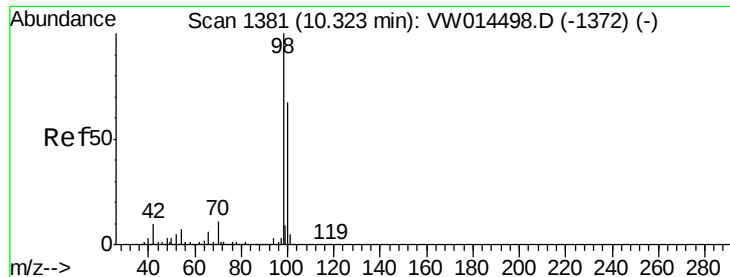


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.311 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW014584.D

Acq: 09 Jan 2020 16:02

Instrument :

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ClientSampleId :

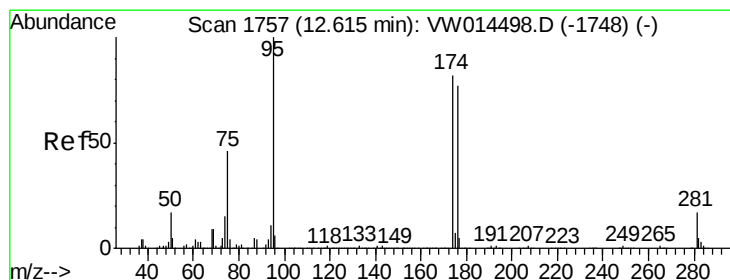
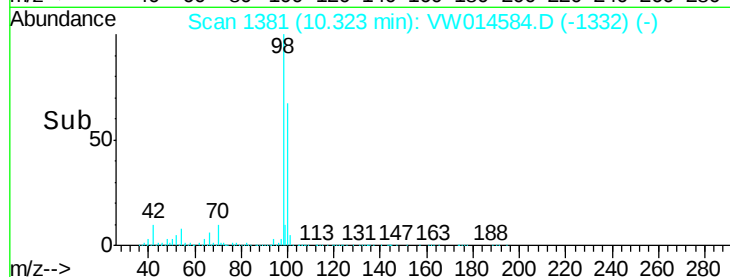
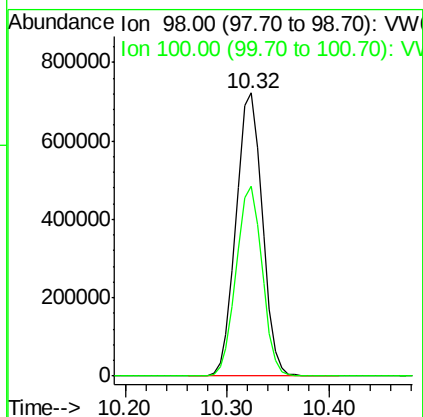
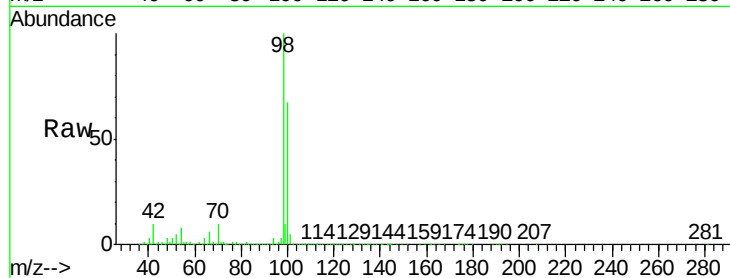
WP022SB450_200107_30-32RE

Tot Ion: 98 Resp: 1286505

Ion Ratio Lower Upper

98 100

100 66.4 53.8 80.6



#62

4-Bromofluorobenzene

Concen: 35.926 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW014584.D

Acq: 09 Jan 2020 16:02

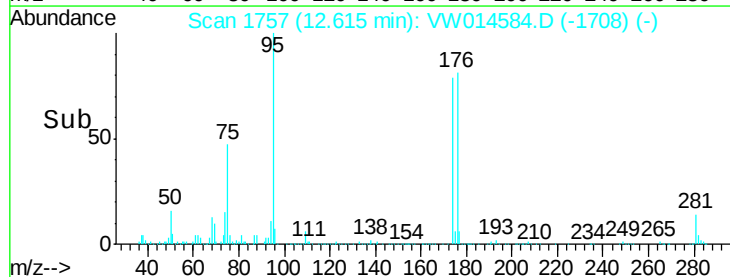
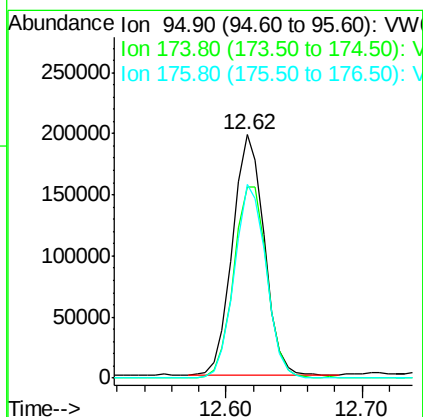
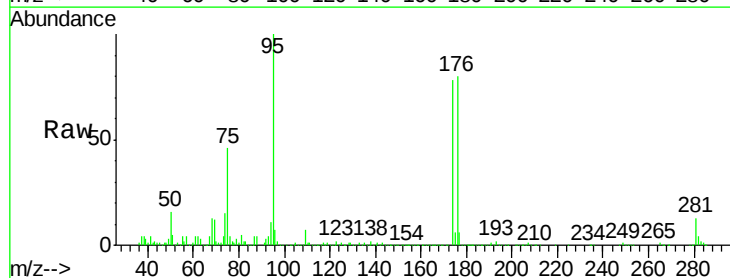
Tgt Ion: 95 Resp: 317922

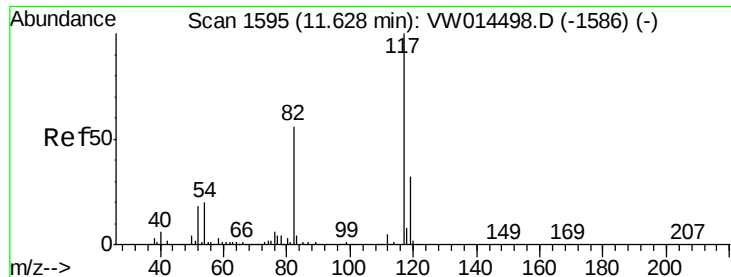
Ion Ratio Lower Upper

95 100

174 83.9 0.0 168.6

176 80.9 0.0 162.0

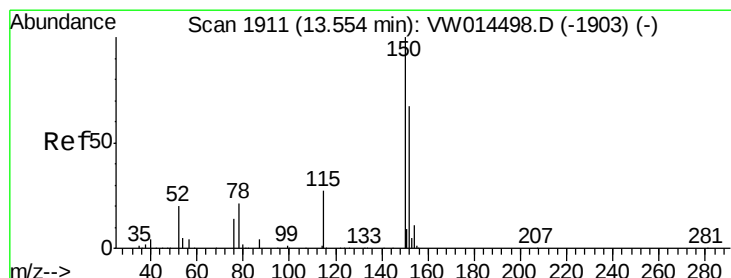
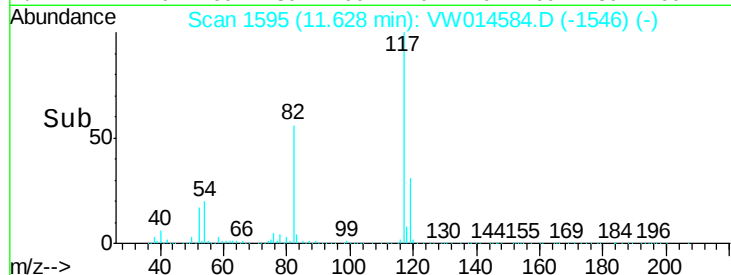
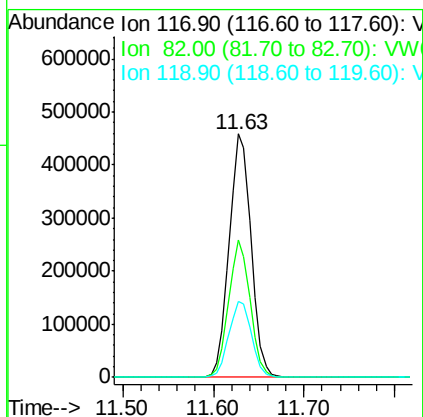
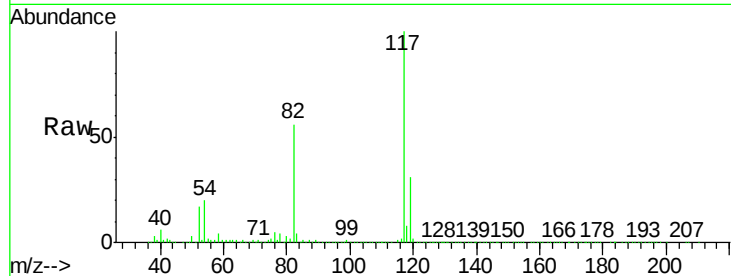




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW014584.D
Acq: 09 Jan 2020 16:02

Instrument :
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WP022SB450_200107_30-32RE

Tot Ion:117 Resp: 767670
Ion Ratio Lower Upper
117 100
82 56.4 44.6 67.0
119 31.2 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. 0.00 min
Lab File: VW014584.D
Acq: 09 Jan 2020 16:02

Tgt Ion:152 Resp: 231519
Ion Ratio Lower Upper
152 100
115 55.2 27.7 83.1
150 149.6 0.0 343.4

