

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010920\
 Data File : VW014590.D
 Acq On : 09 Jan 2020 18:39
 Operator : SY/VA
 Sample : L1063-05
 Misc : 8.26G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WP022SB452 200108 30-32

Quant Time: Jan 10 02:50:18 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

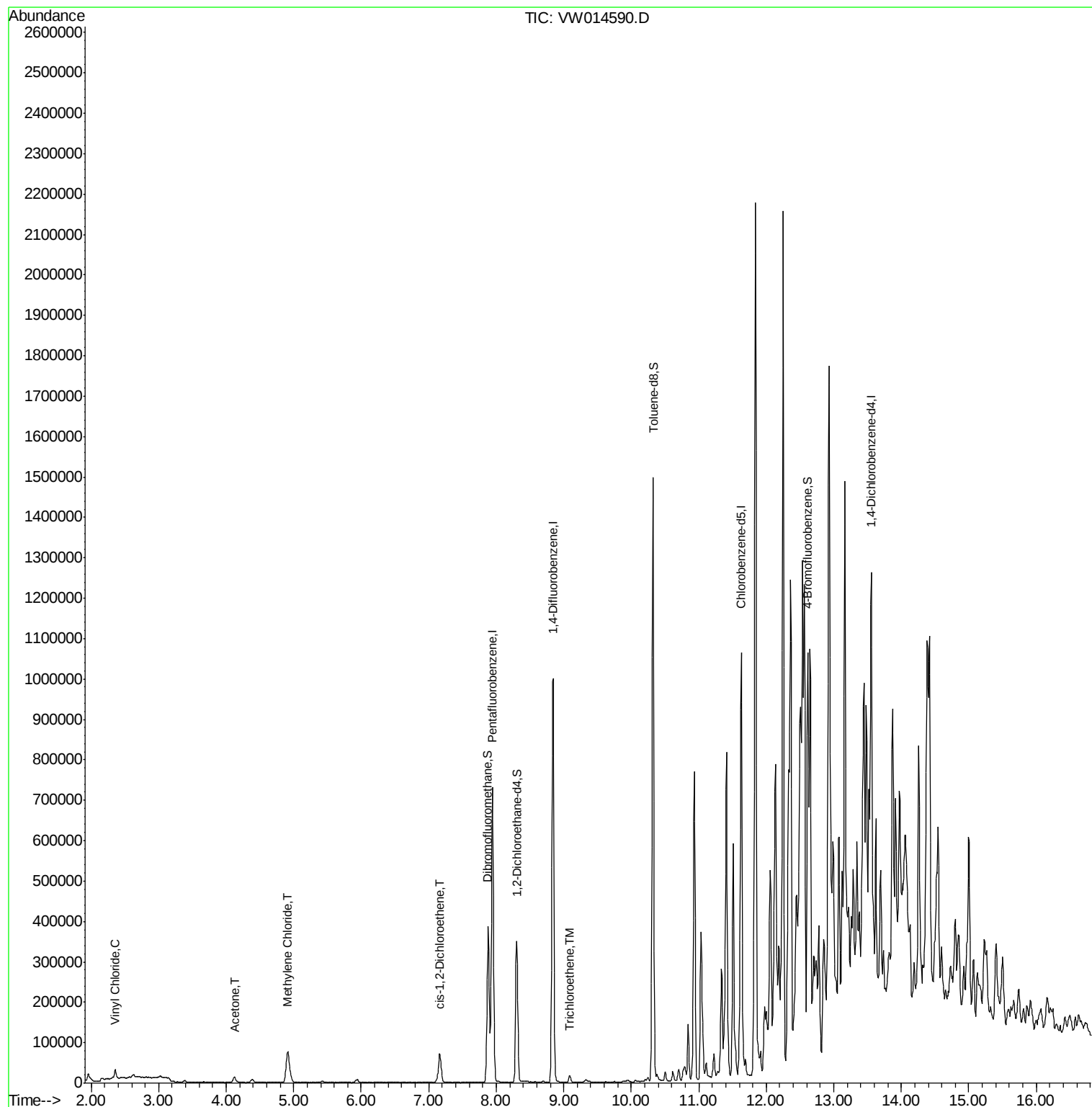
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	598768	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	907254	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	593527	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	177687	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	276247	52.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.54%	
35) Dibromofluoromethane	7.88	113	285091	54.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.96%	
50) Toluene-d8	10.32	98	1035559	47.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.72%	
62) 4-Bromofluorobenzene	12.62	95	240150	32.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	65.44%	
Target Compounds						
4) Vinyl Chloride	2.36	62	15874	2.608	ug/l	92
16) Acetone	4.12	43	25182	17.035	ug/l	100
20) Methylene Chloride	4.92	84	69498	7.812	ug/l	96
27) cis-1,2-Dichloroethene	7.17	96	40647	6.114	ug/l	93
44) Trichloroethene	9.09	130	6802	1.016	ug/l	72

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

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QLast Update : Fri Jan 03 16:07:20 2020
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: VW014590.D

Acq: 09 Jan 2020 18:39

Instrument :

MSVOA_W

ClientSampleId :

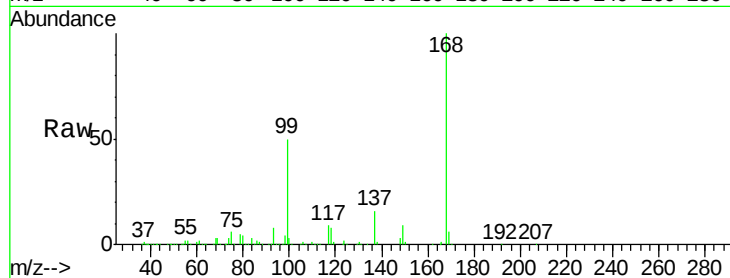
WP022SB452_200108_30-32

Tot Ion:168 Resp: 598768

Ion Ratio Lower Upper

168 100

99 50.1 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

250000

200000

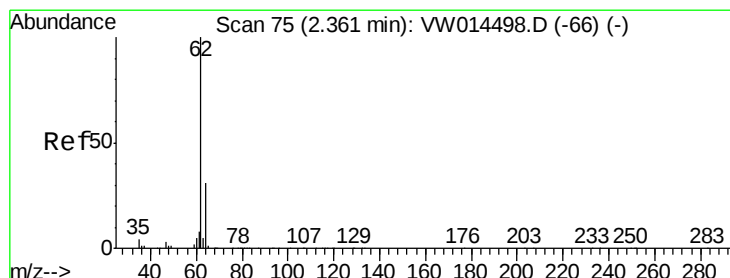
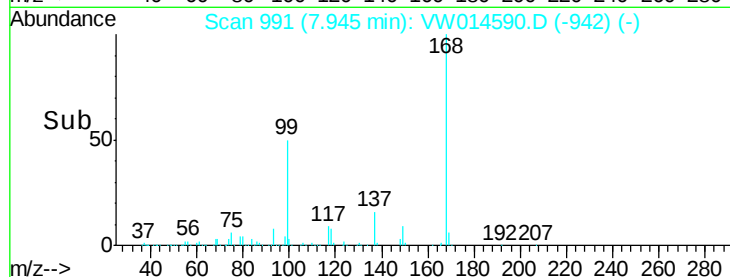
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#4

Vinyl Chloride

Concen: 2.608 ug/l

RT: 2.36 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW014590.D

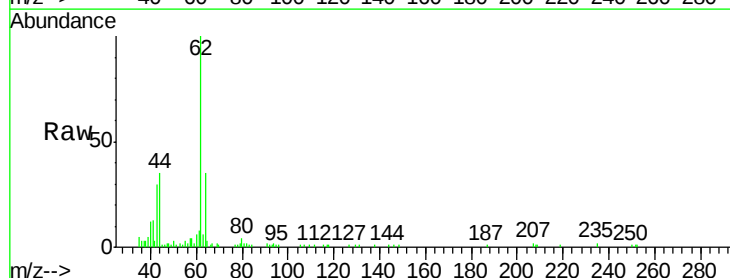
Acq: 09 Jan 2020 18:39

Tgt Ion: 62 Resp: 15874

Ion Ratio Lower Upper

62 100

64 35.5 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

10000

8000

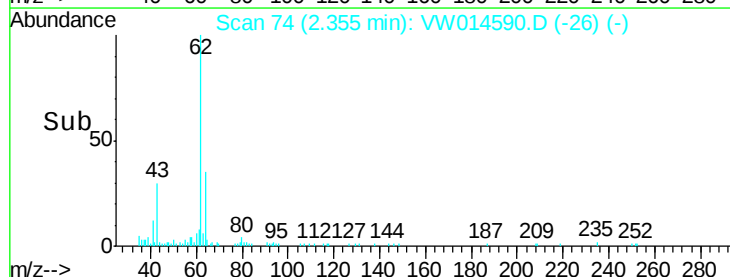
6000

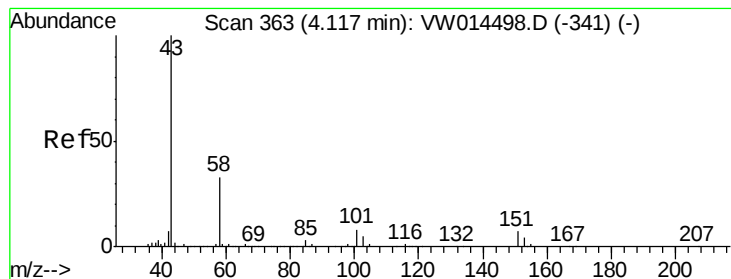
4000

2000

0

Time--> 2.30 2.35 2.40 2.45





#16

Acetone

Concen: 17.035 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW014590.D

Acq: 09 Jan 2020 18:39

Instrument :

MSVOA_W

ClientSampleId :

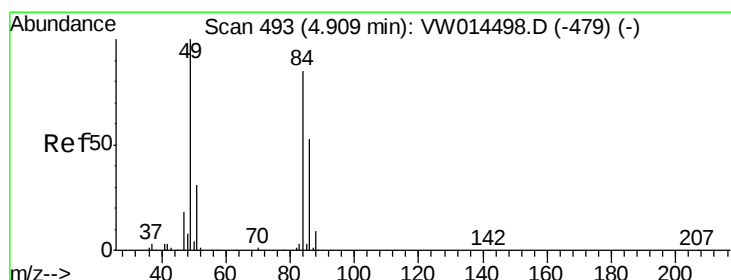
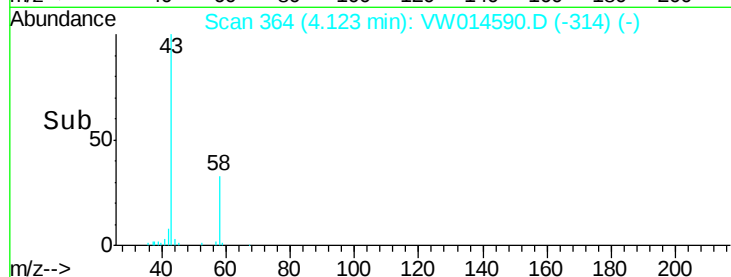
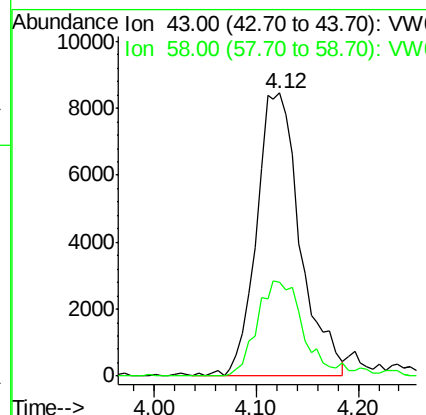
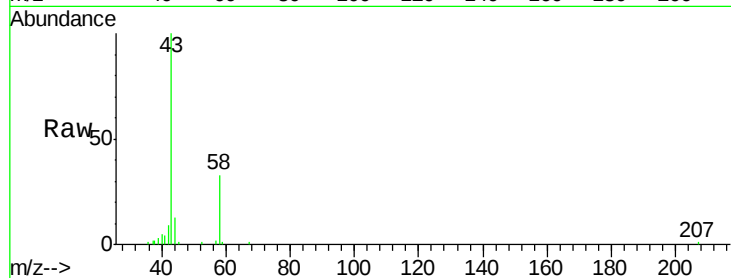
WP022SB452_200108_30-32

Tot Ion: 43 Resp: 25182

Ion Ratio Lower Upper

43 100

58 33.1 26.6 39.8



#20

Methylene Chloride

Concen: 7.812 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW014590.D

Acq: 09 Jan 2020 18:39

Tgt Ion: 84 Resp: 69498

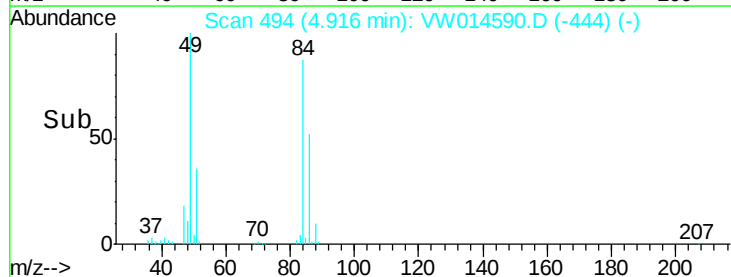
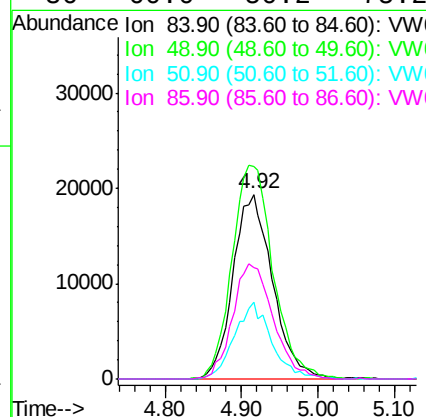
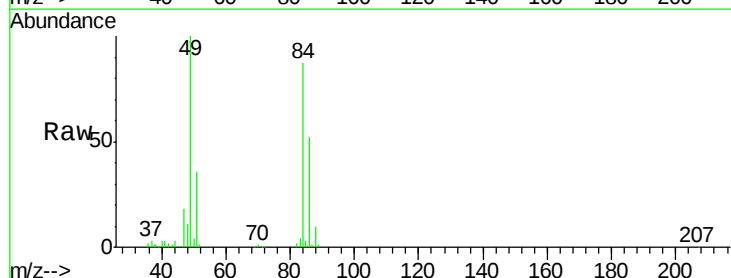
Ion Ratio Lower Upper

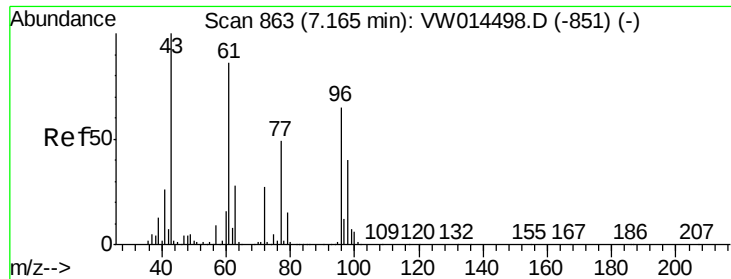
84 100

49 114.2 94.4 141.6

51 41.5 29.5 44.3

86 60.0 50.2 75.2

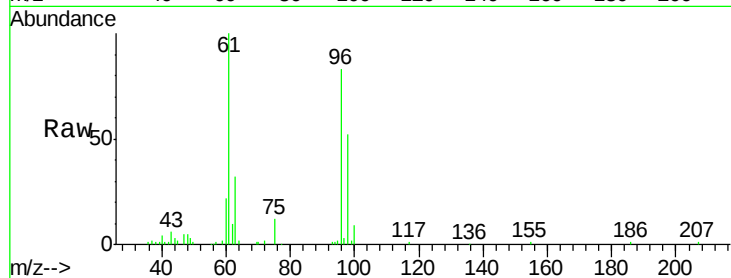




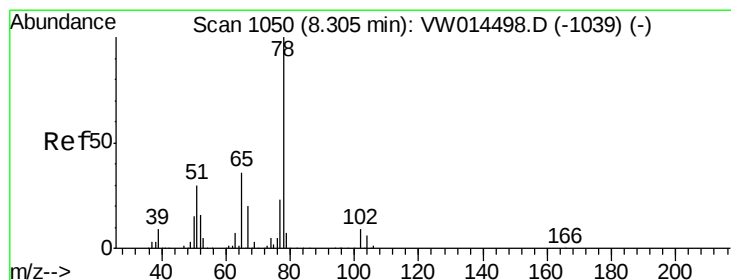
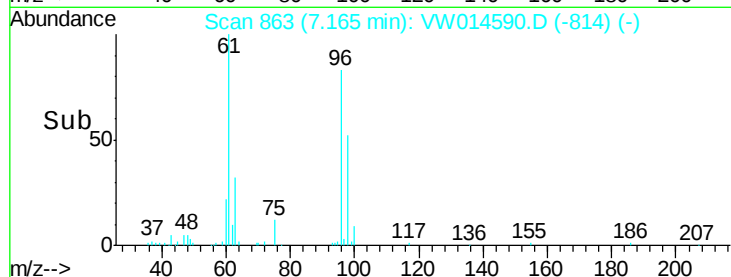
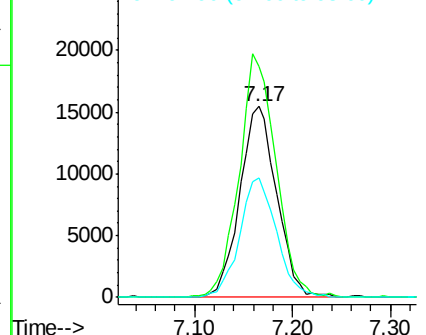
#27
 cis-1,2-Dichloroethene
 Concen: 6.114 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. 0.00 min
 Lab File: VW014590.D
 Acq: 09 Jan 2020 18:39

Instrument :
 MSVOA_W
 ClientSampleId :
 WP022SB452_200108_30-32

Tot Ion: 96 Resp: 40647
 Ion Ratio Lower Upper
 96 100
 61 126.6 0.0 274.8
 98 62.6 0.0 128.6

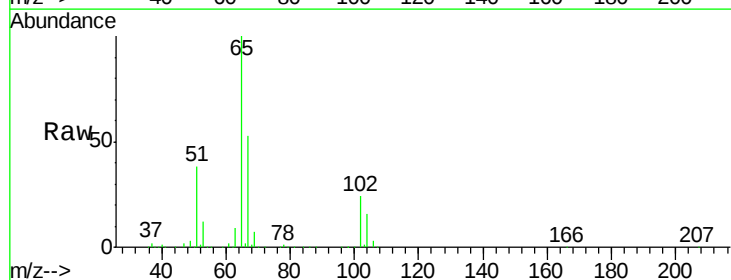


Abundance Ion 95.90 (95.60 to 96.60): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 97.90 (97.60 to 98.60): VW

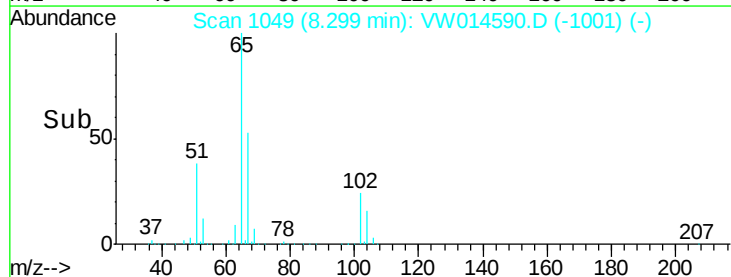
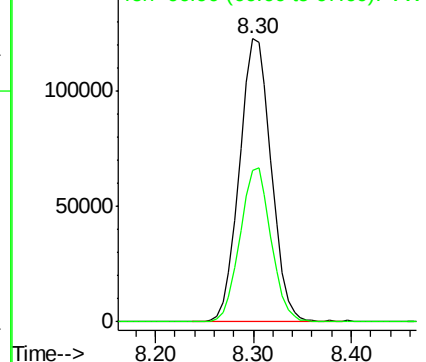


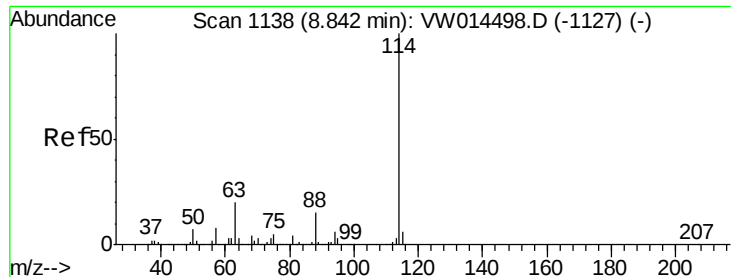
#33
 1,2-Dichloroethane-d4
 Concen: 52.768 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW014590.D
 Acq: 09 Jan 2020 18:39

Tgt Ion: 65 Resp: 276247
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 108.4



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

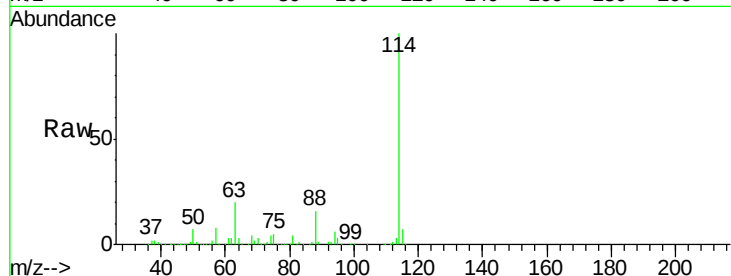




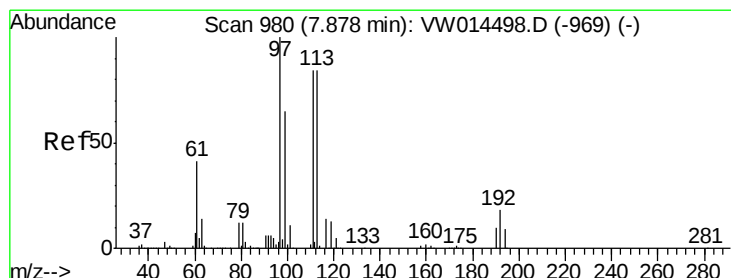
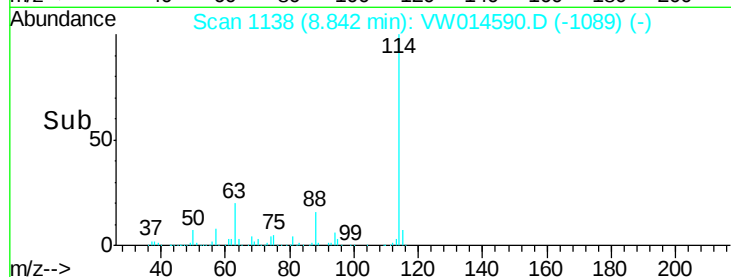
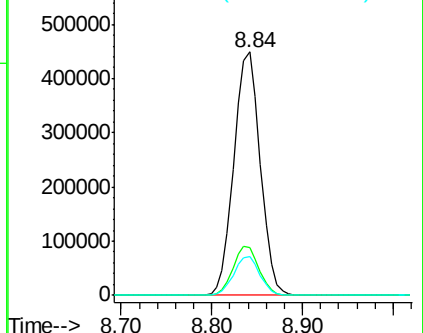
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW014590.D
Acq: 09 Jan 2020 18:39

Instrument :
MSVOA_W
ClientSampleId :
WP022SB452_200108_30-32

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	40.4
88	15.9	0.0	30.6

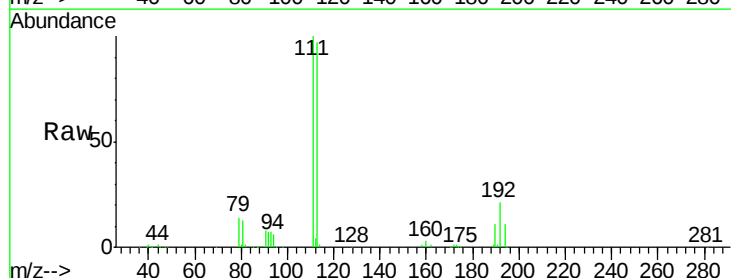


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

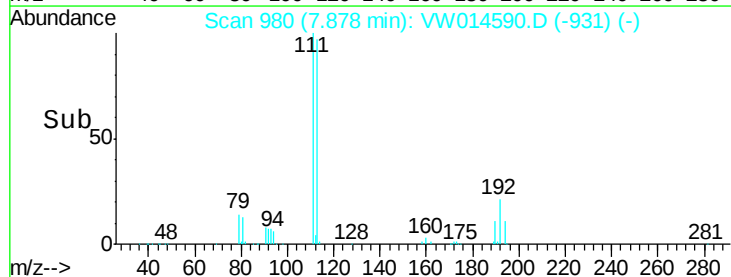
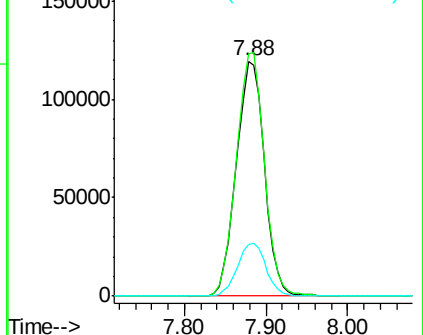


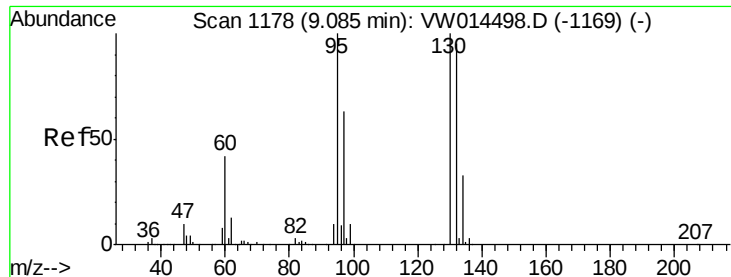
#35
Dibromofluoromethane
Concen: 54.983 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.00 min
Lab File: VW014590.D
Acq: 09 Jan 2020 18:39

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.4	122.2
192	22.9	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





#44

Trichloroethene

Concen: 1.016 ug/l

RT: 9.09 min Scan# 1178

Delta R.T. 0.00 min

Lab File: VW014590.D

Acq: 09 Jan 2020 18:39

Instrument :

MSVOA_W

ClientSampleId :

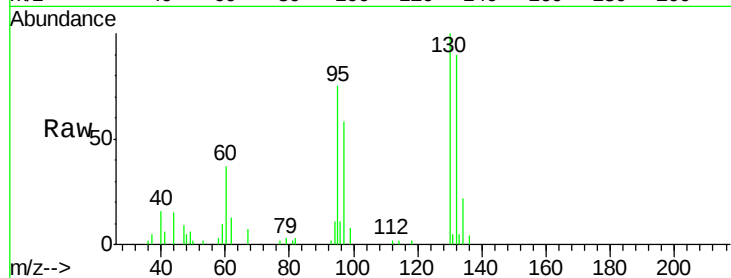
WP022SB452_200108_30-32

Tot Ion:130 Resp: 6802

Ion Ratio Lower Upper

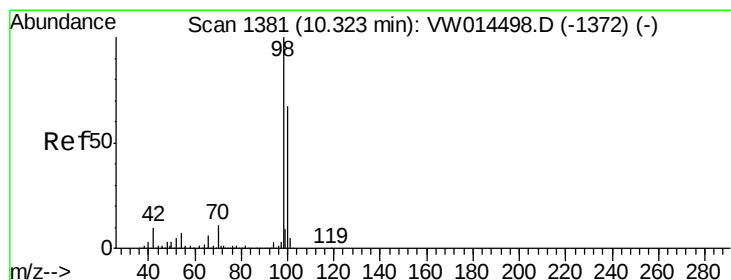
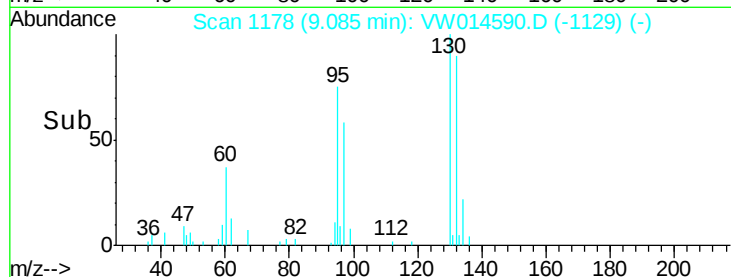
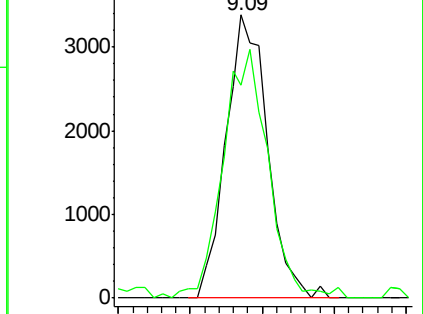
130 100

95 71.7 0.0 199.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW



#50

Toluene-d8

Concen: 47.857 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW014590.D

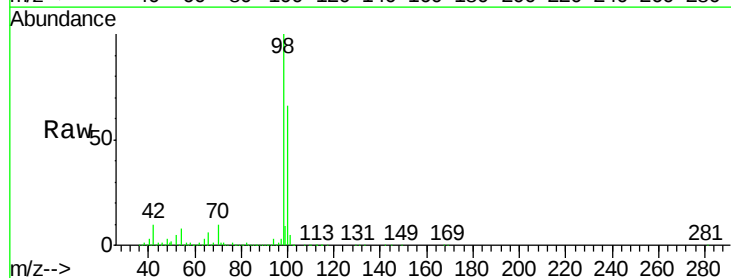
Acq: 09 Jan 2020 18:39

Tgt Ion: 98 Resp: 1035559

Ion Ratio Lower Upper

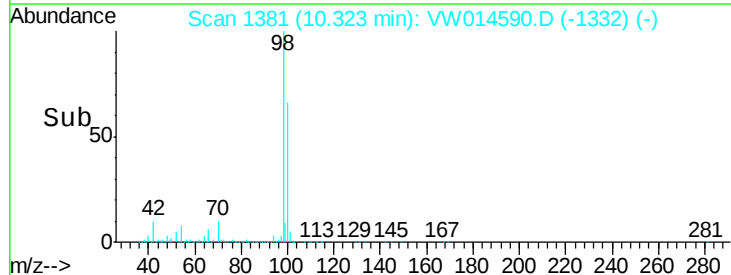
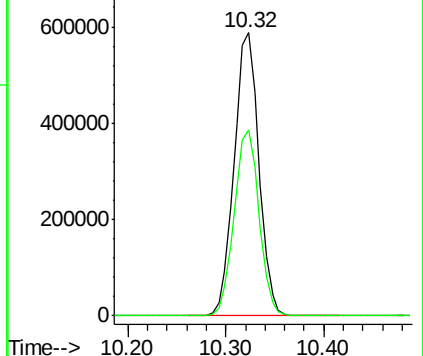
98 100

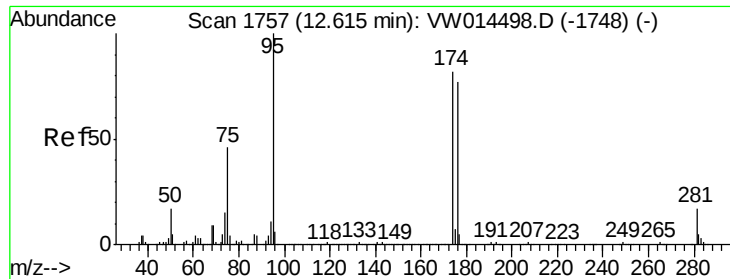
100 65.9 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

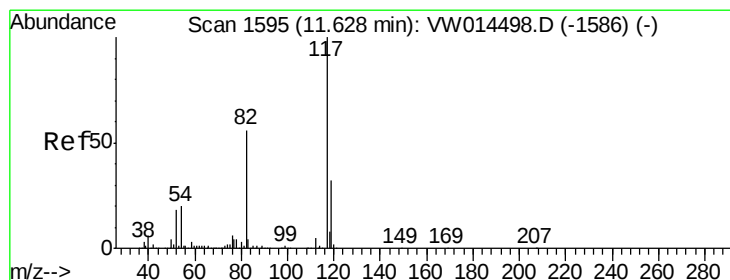
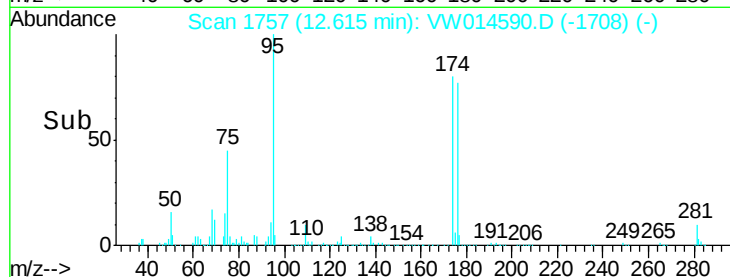
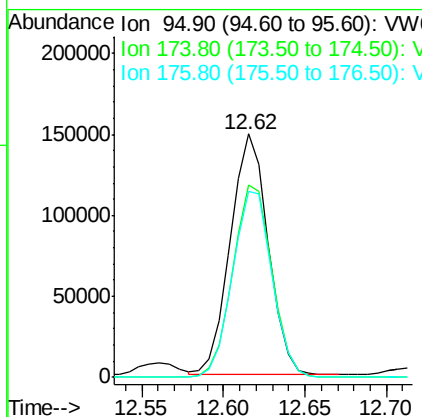
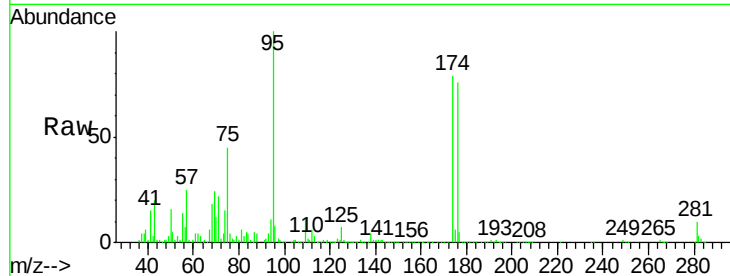




#62
4-Bromofluorobenzene
Concen: 32.720 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW014590.D
Acq: 09 Jan 2020 18:39

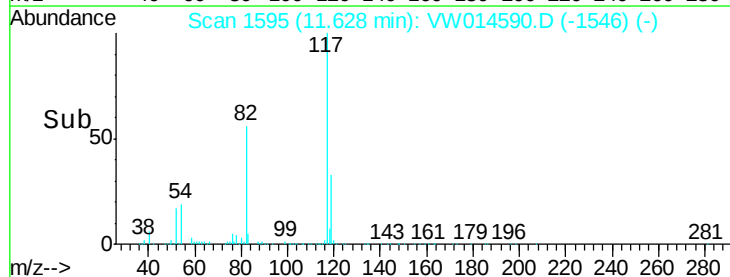
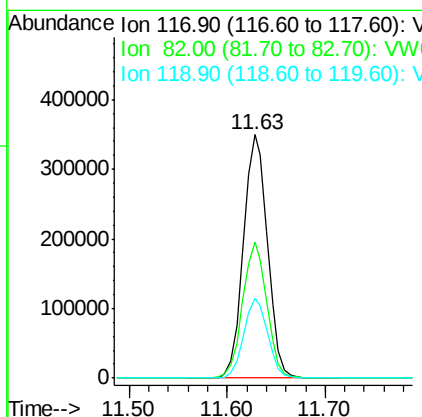
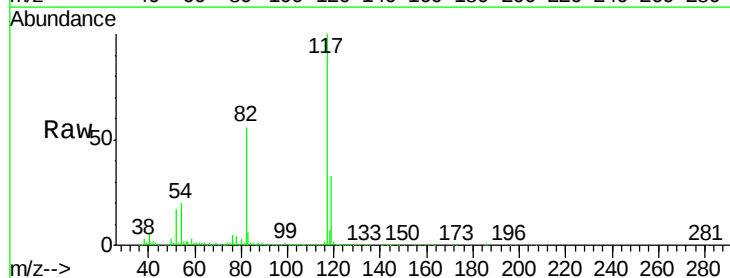
Instrument :
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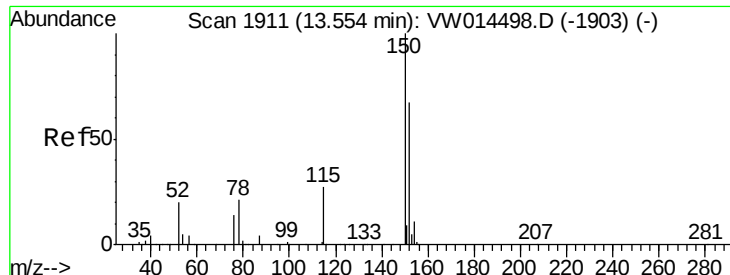
Tot Ion	Ratio	Lower	Upper
95	100		
174	83.2	0.0	168.6
176	80.7	0.0	162.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW014590.D
Acq: 09 Jan 2020 18:39

Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.7	44.6	67.0
119	33.0	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: VW014590.D

Acq: 09 Jan 2020 18:39

Instrument :

MSVOA_W

ClientSampleId :

WP022SB452_200108_30-32

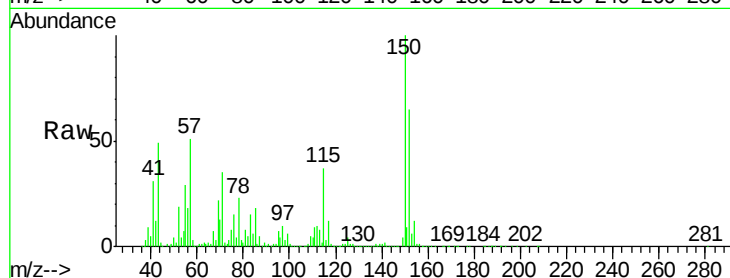
Tot Ion:152 Resp: 177687

Ion Ratio Lower Upper

152 100

115 51.5 27.7 83.1

150 143.5 0.0 343.4



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

