

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD123119\
 Data File : VD064688.D
 Acq On : 31 Dec 2019 11:55
 Operator : VA/SY
 Sample : K6450-02RE
 Misc : 9.19G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WP022SB446_191226-FD-30-32RE

Quant Time: Jan 01 01:17:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 24 13:19:06 2019
 Response via : Initial Calibration

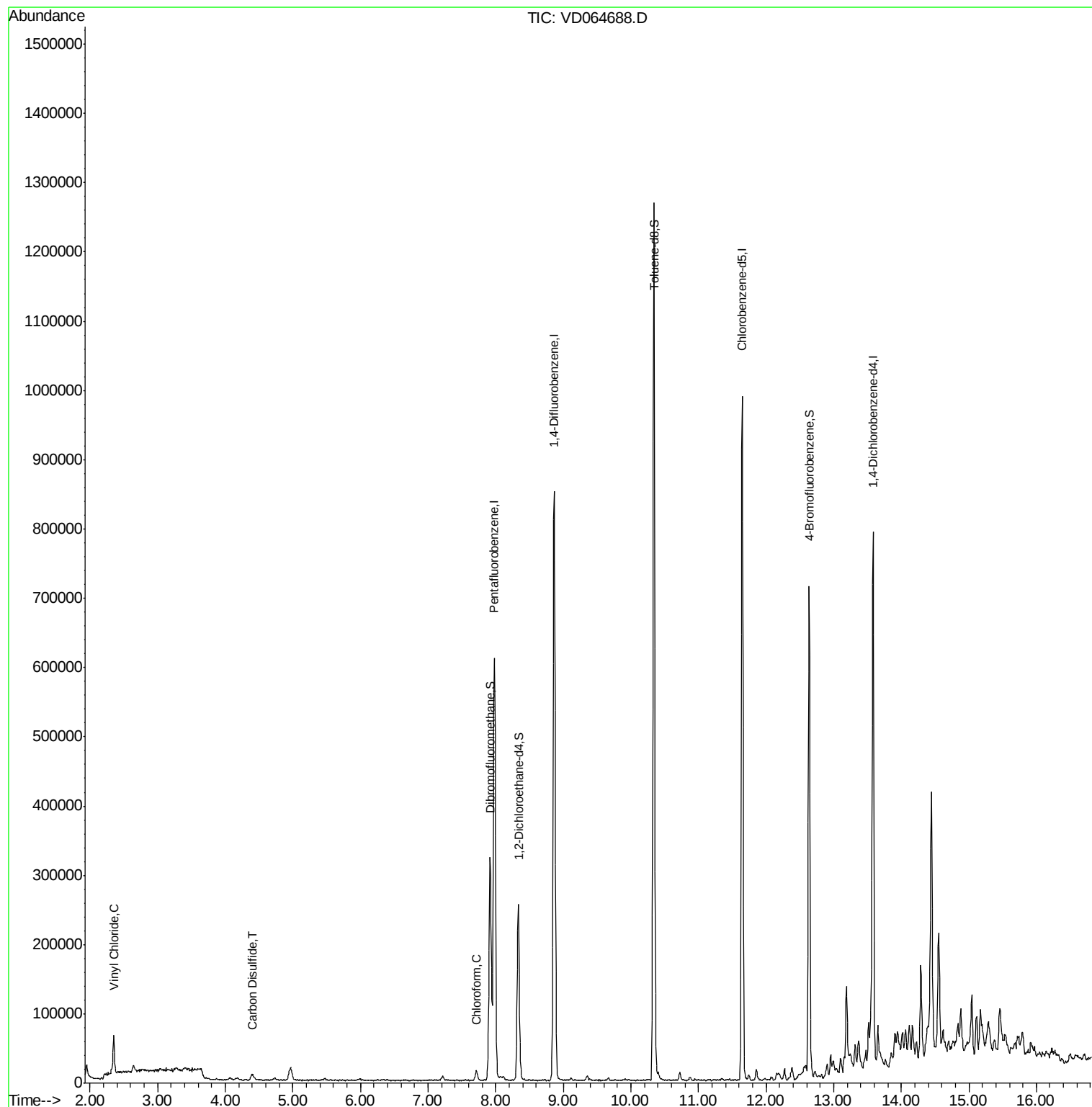
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	480671	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	734902	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	562737	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	197051	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	202139	47.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.38%	
35) Dibromofluoromethane	7.92	113	222287	49.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.60%	
50) Toluene-d8	10.34	98	856054	49.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.14%	
62) 4-Bromofluorobenzene	12.64	95	202893	37.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.32%	
Target Compounds						
4) Vinyl Chloride	2.35	62	47289	7.424	ug/l	99
17) Carbon Disulfide	4.41	76	17840	1.305	ug/l	96
30) Chloroform	7.71	83	13006	1.570	ug/l	92

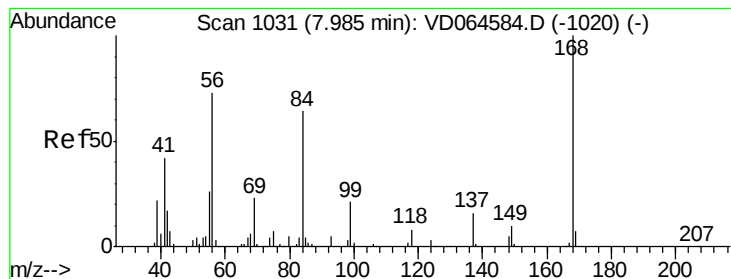
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Dec 24 13:19:06 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064688.D

Acq: 31 Dec 2019 11:55

Instrument :

MSVOA_D

ClientSampleId :

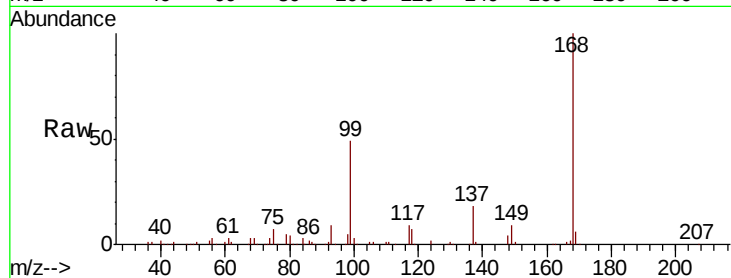
WP022SB446_191226-FD-30-32RE

Tot Ion:168 Resp: 480671

Ion Ratio Lower Upper

168 100

99 49.2 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

250000

200000

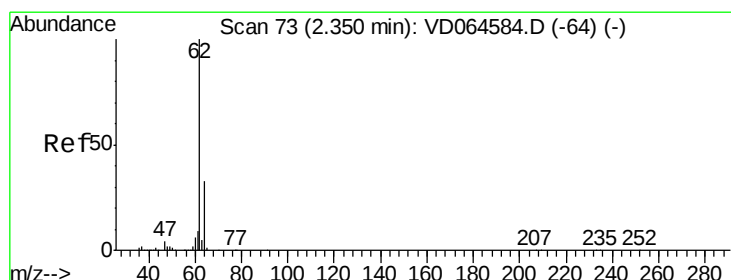
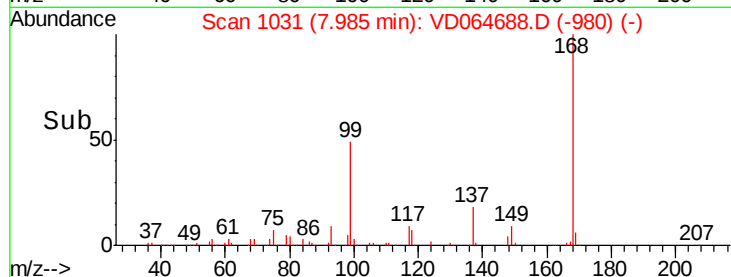
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 7.424 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD064688.D

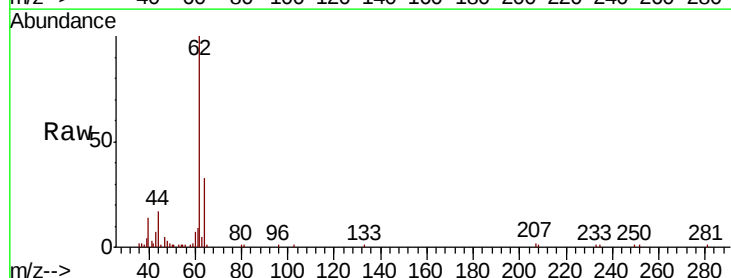
Acq: 31 Dec 2019 11:55

Tgt Ion: 62 Resp: 47289

Ion Ratio Lower Upper

62 100

64 32.5 26.6 40.0



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC

2.35

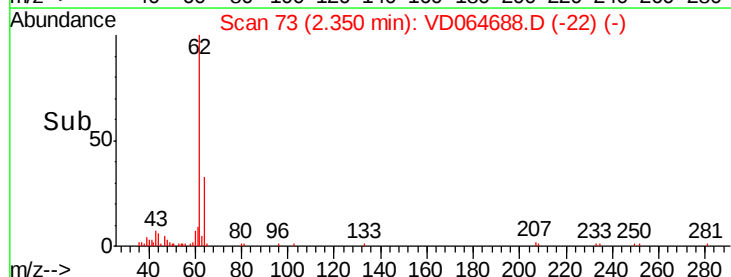
30000

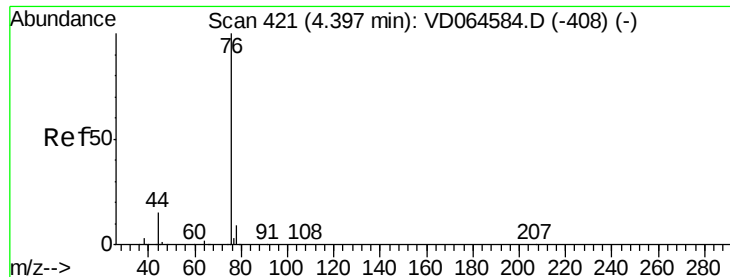
20000

10000

0

Time-->

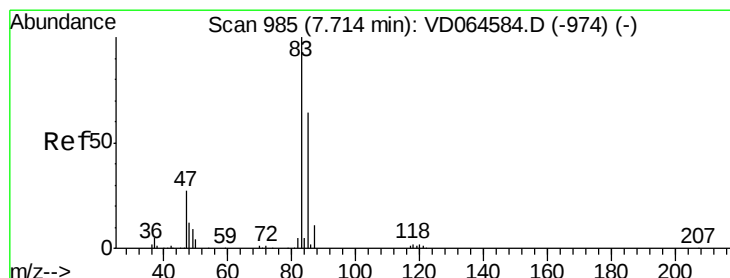
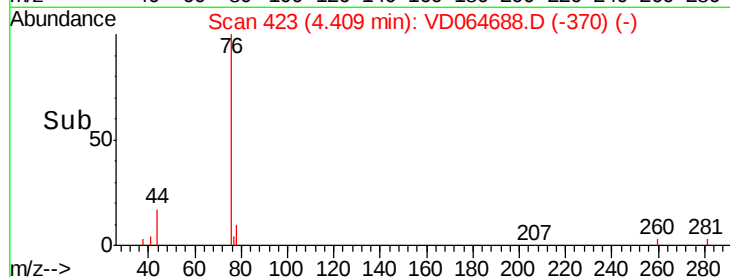
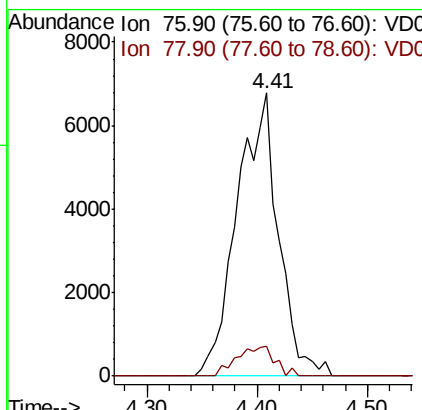
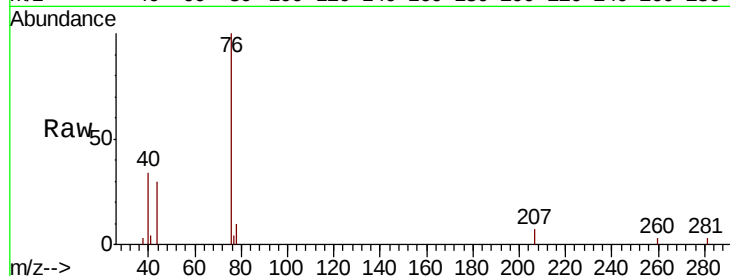




#17
Carbon Disulfide
Concen: 1.305 ug/l
RT: 4.41 min Scan# 423
Delta R.T. 0.01 min
Lab File: VD064688.D
Acq: 31 Dec 2019 11:55

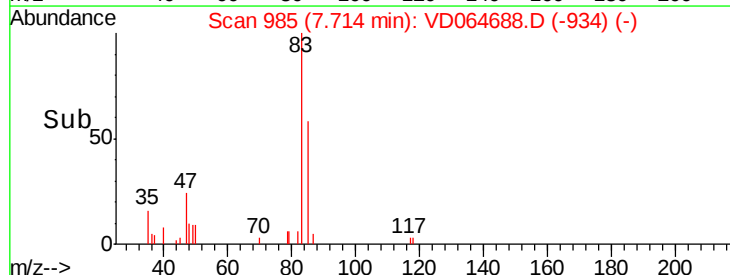
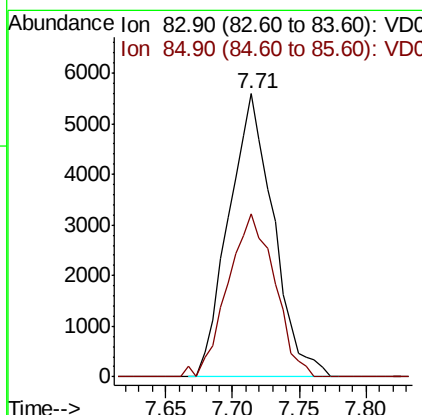
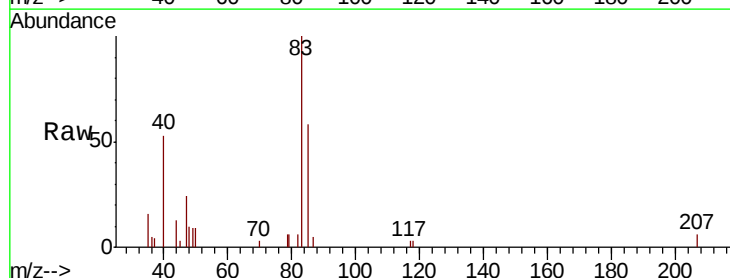
Instrument :
MSVOA_D
ClientSampleId :
WP022SB446_191226-FD-30-32RE

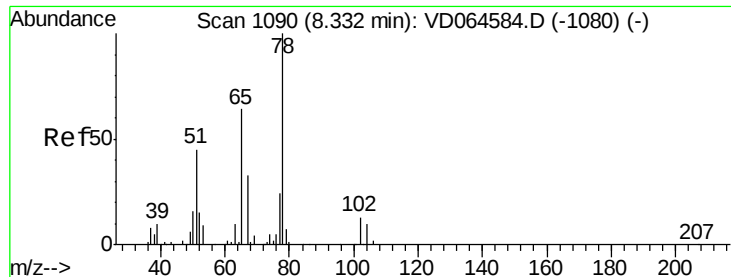
Tot Ion: 76 Resp: 17840
Ion Ratio Lower Upper
76 100
78 10.5 7.3 10.9



#30
Chloroform
Concen: 1.570 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD064688.D
Acq: 31 Dec 2019 11:55

Tgt Ion: 83 Resp: 13006
Ion Ratio Lower Upper
83 100
85 57.8 51.1 76.7





#33

1,2-Dichloroethane-d4

Concen: 47.691 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD064688.D

Acq: 31 Dec 2019 11:55

Instrument :

MSVOA_D

ClientSampleId :

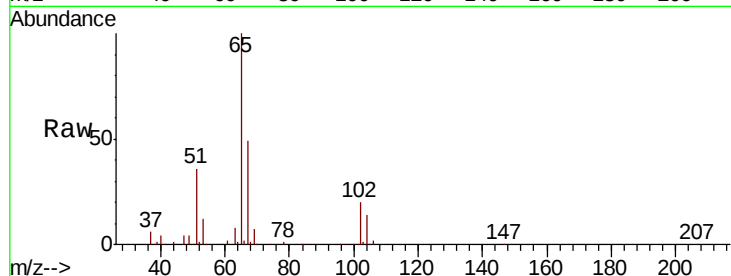
WP022SB446_191226-FD-30-32RE

Tot Ion: 65 Resp: 202139

Ion Ratio Lower Upper

65 100

67 51.4 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

100000

80000

60000

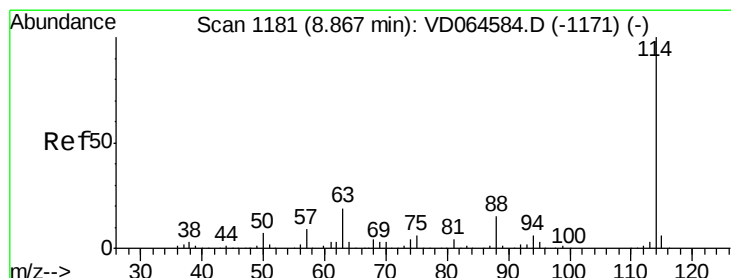
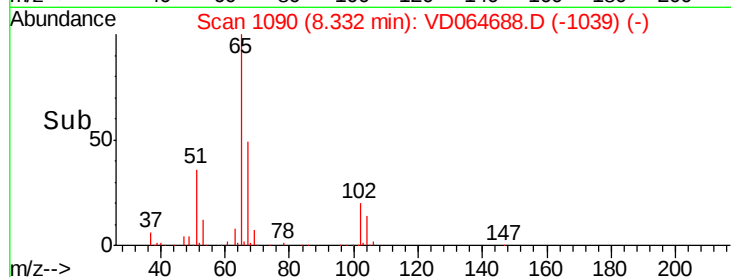
40000

20000

0

8.30 8.33 8.40

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD064688.D

Acq: 31 Dec 2019 11:55

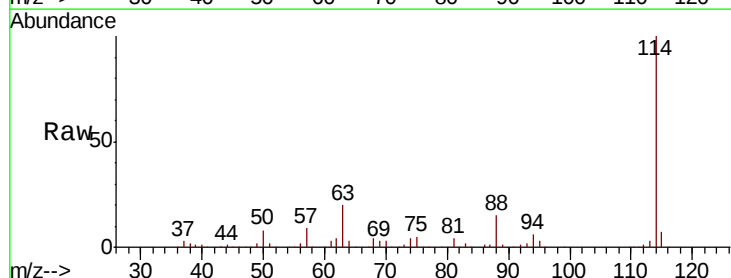
Tgt Ion: 114 Resp: 734902

Ion Ratio Lower Upper

114 100

63 20.0 0.0 38.0

88 14.6 0.0 29.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

500000

400000

300000

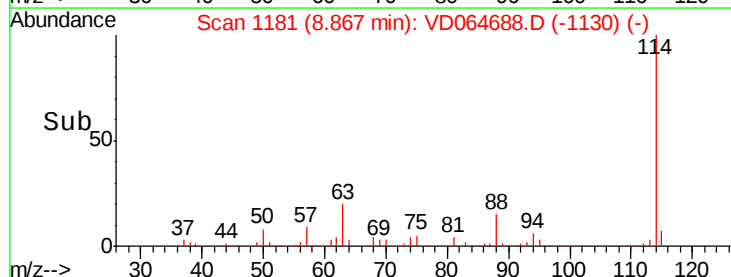
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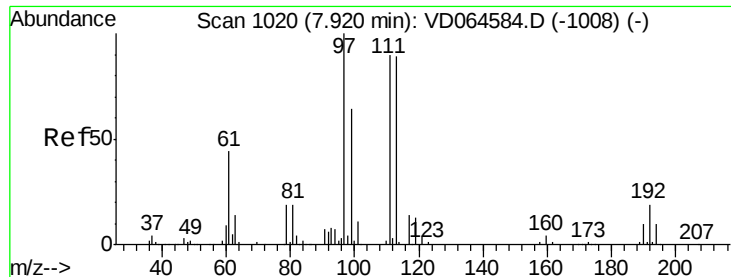
100000

0

8.80 8.87 8.90 9.00

Time-->

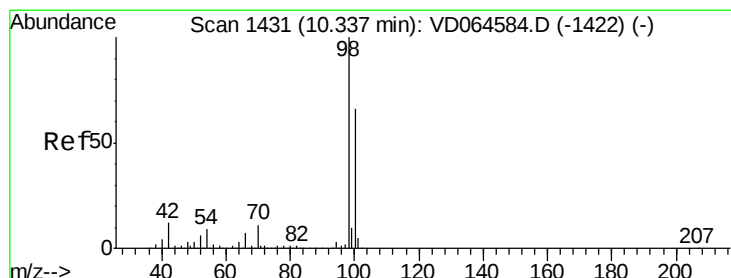
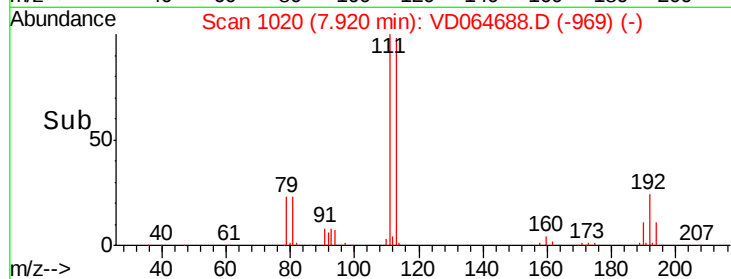
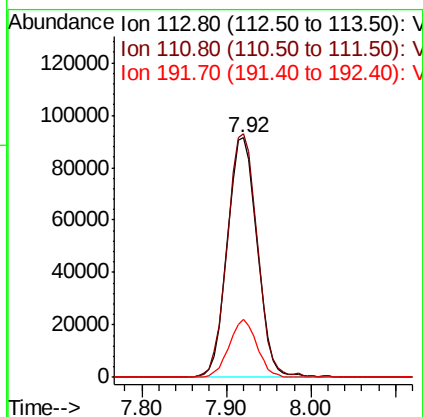
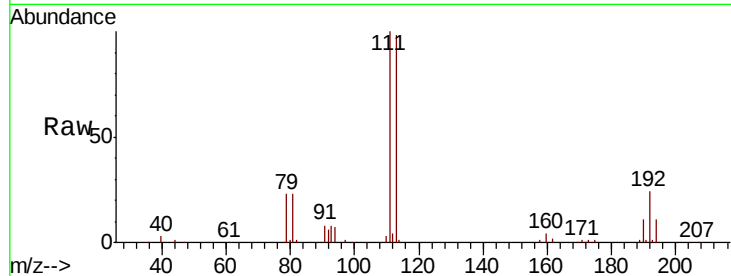




#35
Dibromofluoromethane
Concen: 49.301 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VD064688.D
Acq: 31 Dec 2019 11:55

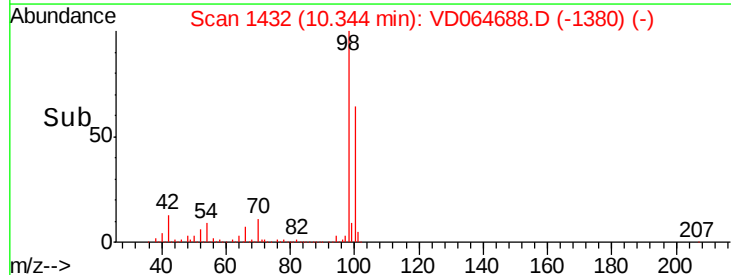
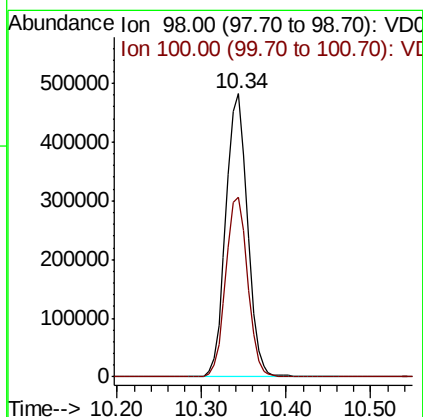
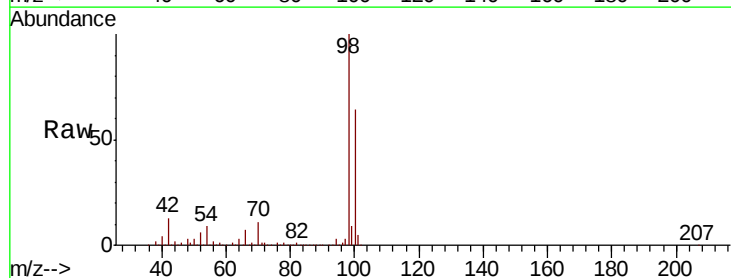
Instrument :
MSVOA_D
ClientSampleId :
WP022SB446_191226-FD-30-32RE

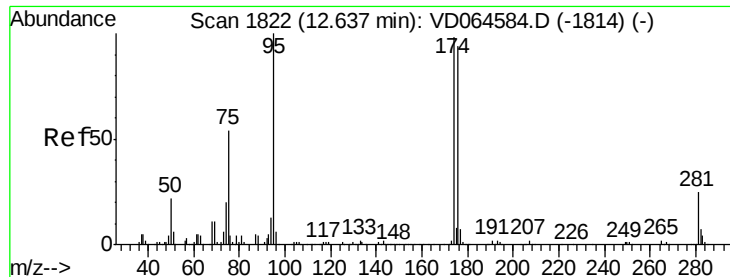
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	80.6	121.0
192	22.6	17.9	26.9



#50
Toluene-d8
Concen: 49.575 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD064688.D
Acq: 31 Dec 2019 11:55

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.7	77.5

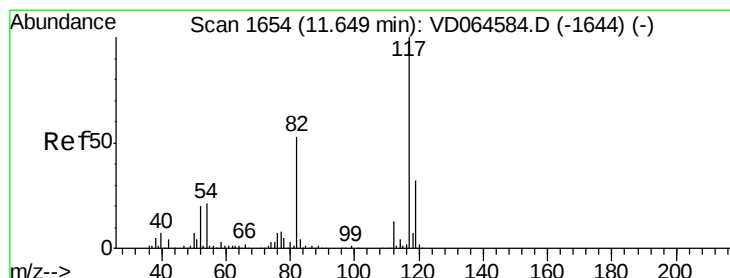
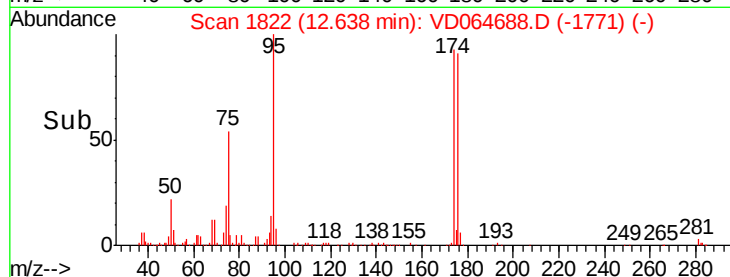
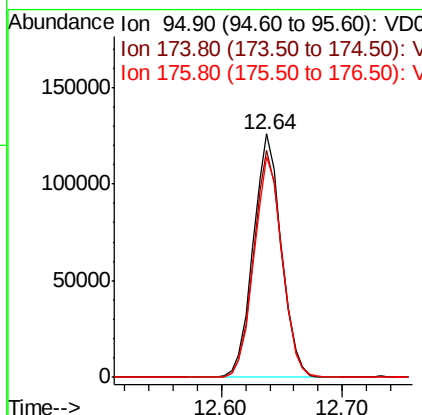
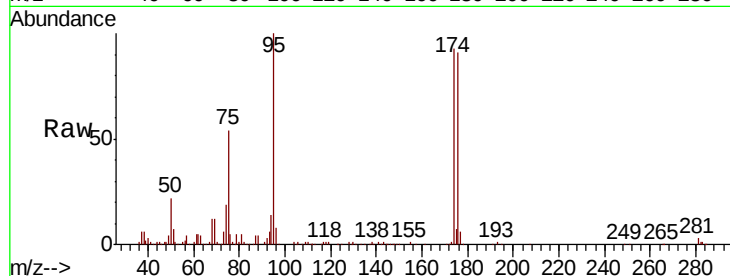




#62
4-Bromofluorobenzene
Concen: 37.158 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064688.D
Acq: 31 Dec 2019 11:55

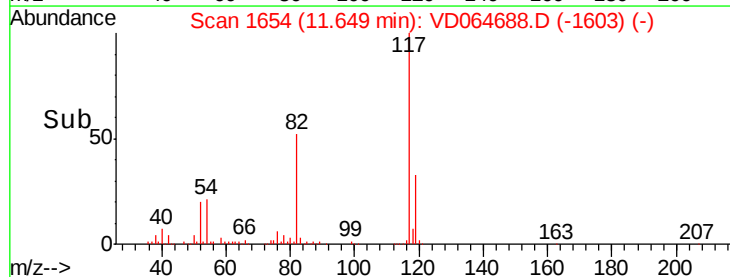
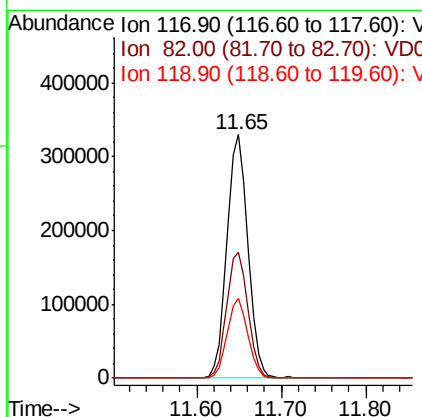
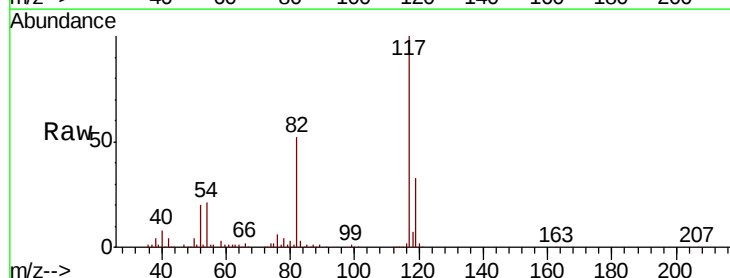
Instrument :
MSVOA_D
ClientSampleId :
WP022SB446_191226-FD-30-32RE

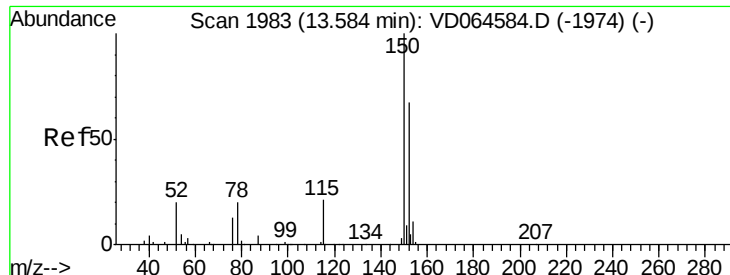
Tot Ion: 95 Resp: 202893
Ion Ratio Lower Upper
95 100
174 93.9 0.0 193.2
176 90.7 0.0 184.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064688.D
Acq: 31 Dec 2019 11:55

Tgt Ion: 117 Resp: 562737
Ion Ratio Lower Upper
117 100
82 52.0 42.2 63.4
119 32.6 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD064688.D

Acq: 31 Dec 2019 11:55

Instrument :

MSVOA_D

ClientSampleId :

WP022SB446_191226-FD-30-32RE

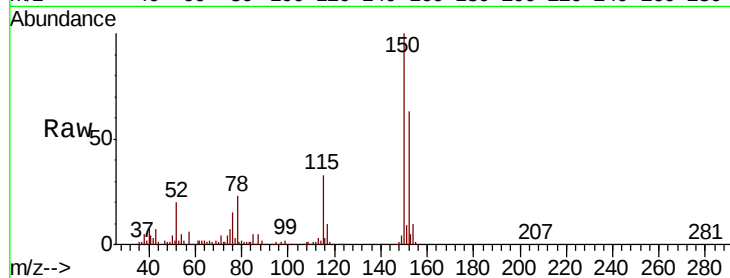
Tot Ion:152 Resp: 197051

Ion Ratio Lower Upper

152 100

115 52.3 27.8 83.4

150 151.7 0.0 351.4



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

