

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122319\
 Data File : VD064574.D
 Acq On : 23 Dec 2019 17:58
 Operator : VA/SY
 Sample : K6396-09
 Misc : 4.80G/5.00ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-4-(0-2)

Quant Time: Dec 24 06:24:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 29 07:18:03 2019
 Response via : Initial Calibration

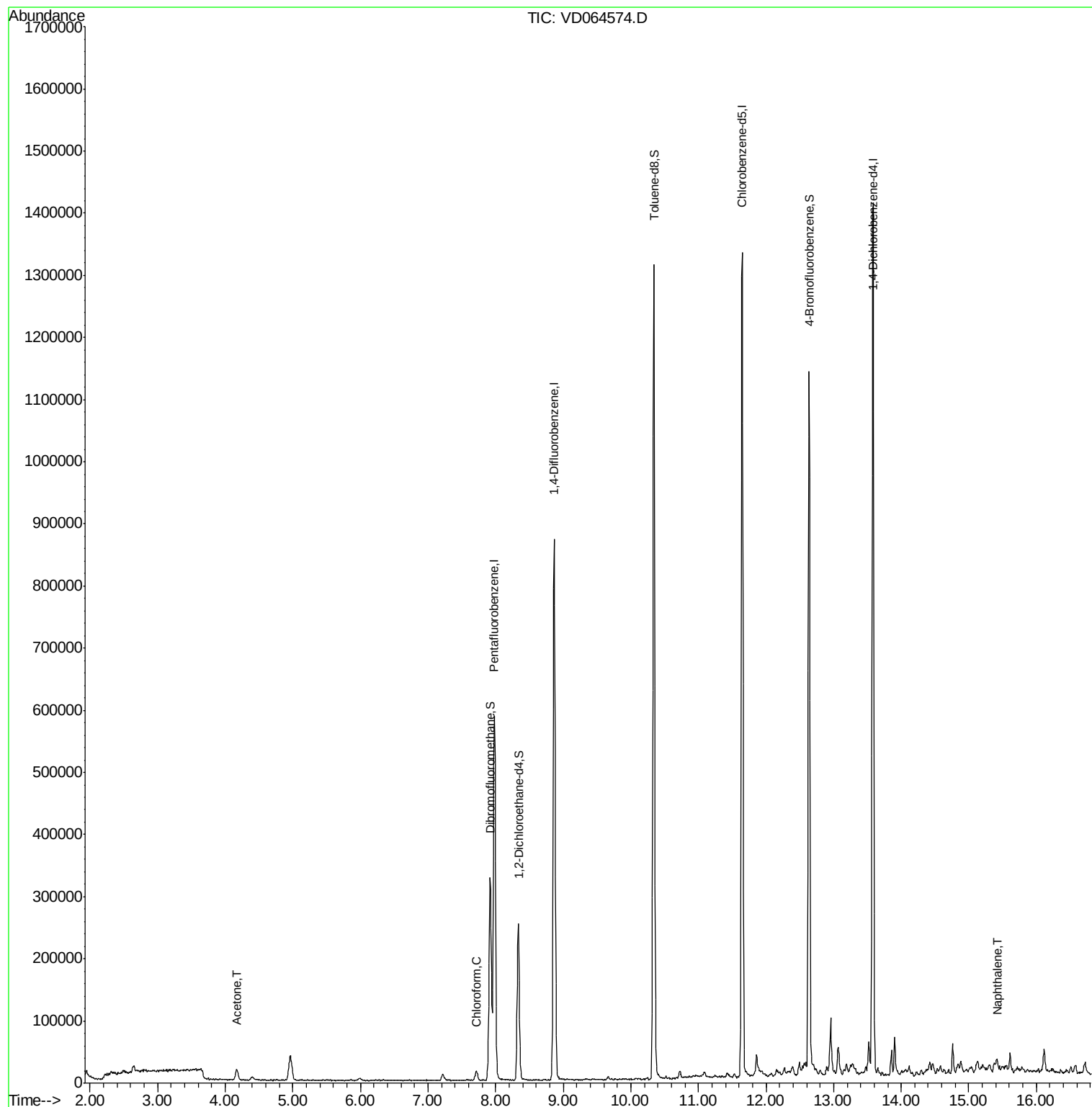
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	470658	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	742300	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	773699	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	390028	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	198819	46.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.34%	
35) Dibromofluoromethane	7.92	113	228364	48.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.66%	
50) Toluene-d8	10.34	98	914253	51.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.80%	
62) 4-Bromofluorobenzene	12.64	95	339533	59.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.94%	
Target Compounds						
16) Acetone	4.17	43	30997	36.006	ug/l	99
30) Chloroform	7.72	83	15004	1.843	ug/l	97
95) Naphthalene	15.41	128	18867	1.314	ug/l #	95

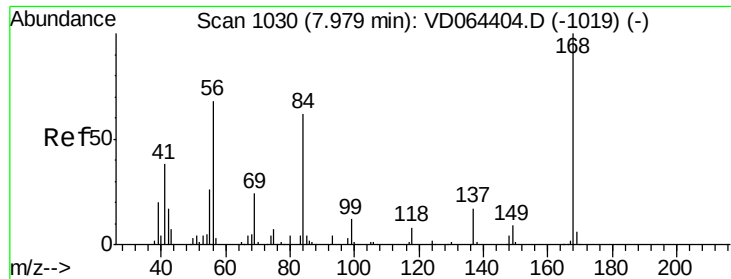
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 29 07:18:03 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD064574.D

Acq: 23 Dec 2019 17:58

Instrument :

MSVOA_D

ClientSampleId :

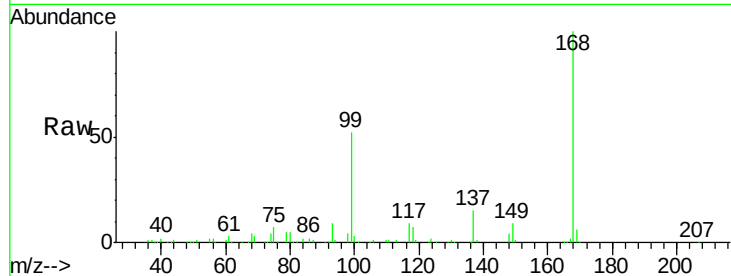
SB-4-(0-2)

Tot Ion:168 Resp: 470658

Ion Ratio Lower Upper

168 100

99 52.1 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

250000

200000

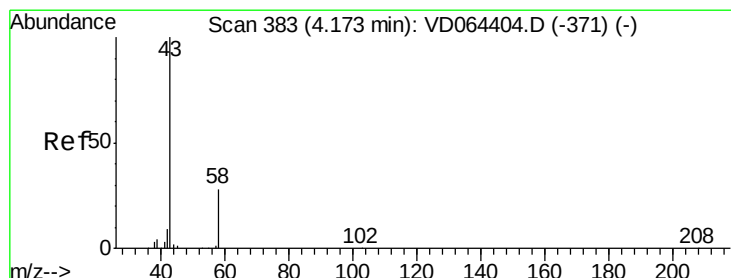
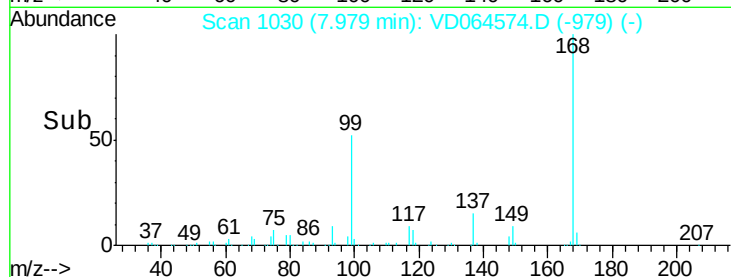
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 36.006 ug/l

RT: 4.17 min Scan# 382

Delta R.T. -0.01 min

Lab File: VD064574.D

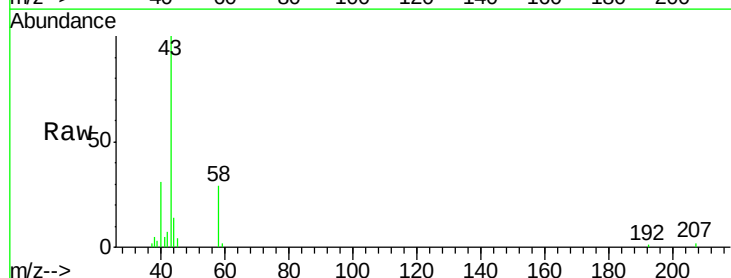
Acq: 23 Dec 2019 17:58

Tgt Ion: 43 Resp: 30997

Ion Ratio Lower Upper

43 100

58 28.8 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.17

12000

10000

8000

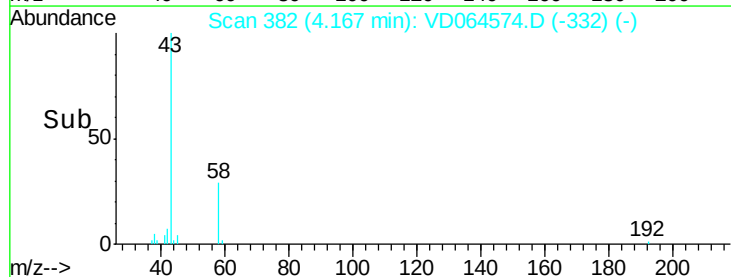
6000

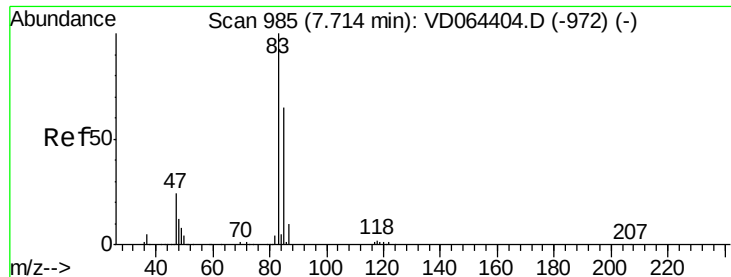
4000

2000

0

Time-->

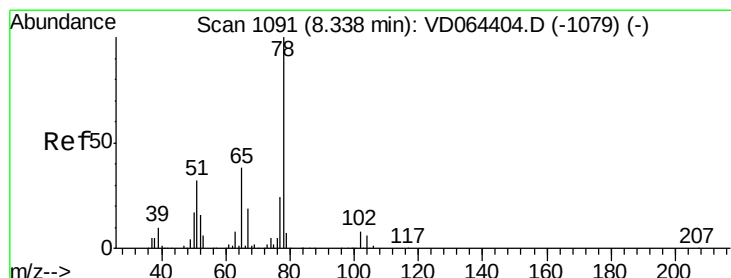
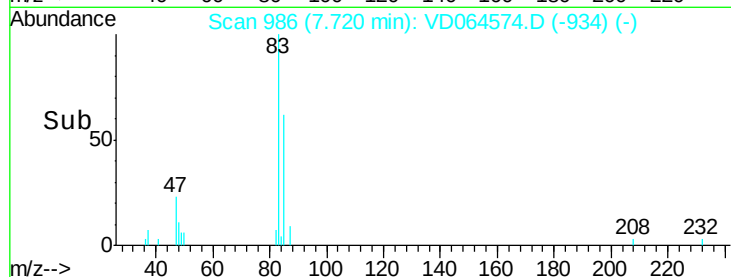
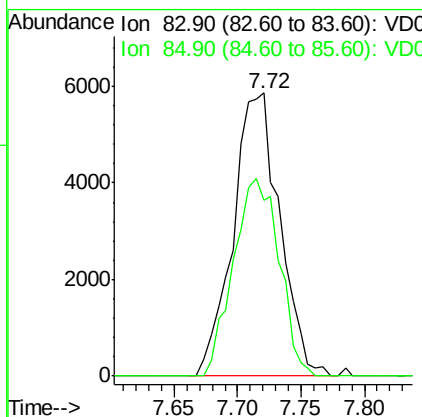
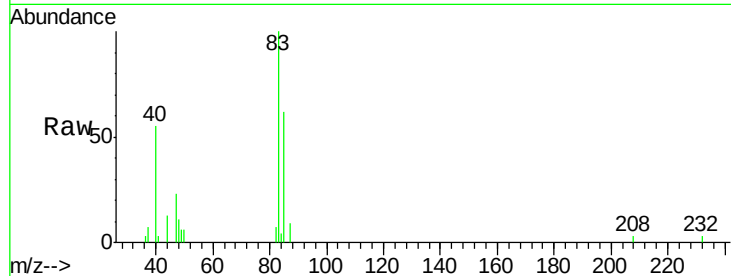




#30
Chloroform
Concen: 1.843 ug/l
RT: 7.72 min Scan# 986
Delta R.T. 0.01 min
Lab File: VD064574.D
Acq: 23 Dec 2019 17:58

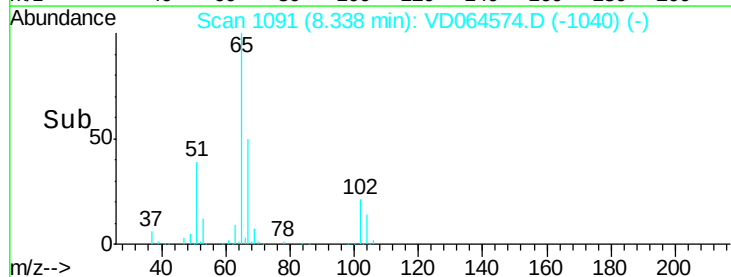
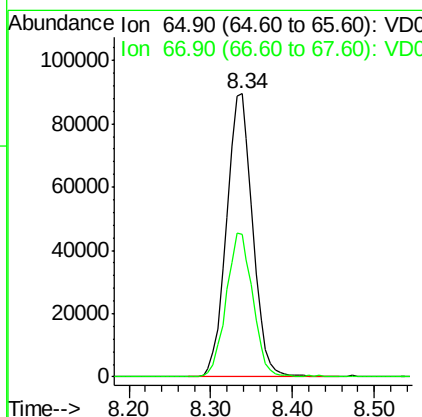
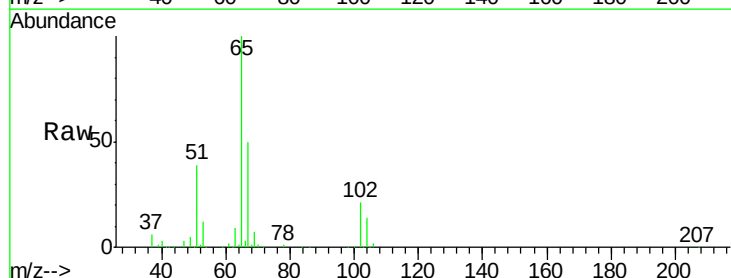
Instrument :
MSVOA_D
ClientSampleId :
SB-4-(0-2)

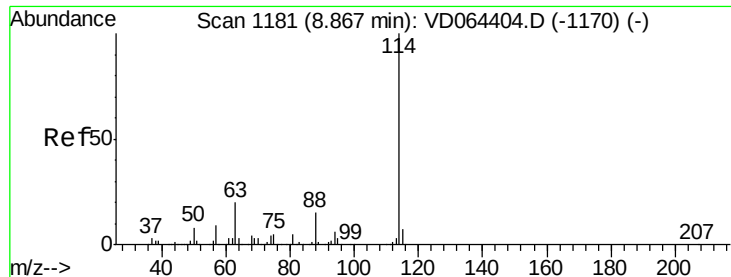
Tot Ion: 83 Resp: 15004
Ion Ratio Lower Upper
83 100
85 62.3 51.8 77.6



#33
1,2-Dichloroethane-d4
Concen: 46.670 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.00 min
Lab File: VD064574.D
Acq: 23 Dec 2019 17:58

Tgt Ion: 65 Resp: 198819
Ion Ratio Lower Upper
65 100
67 51.6 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD064574.D

Acq: 23 Dec 2019 17:58

Instrument :

MSVOA_D

ClientSampleId :

SB-4-(0-2)

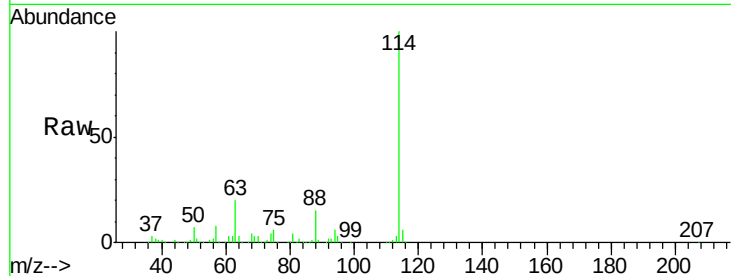
Tot Ion:114 Resp: 742300

Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.0

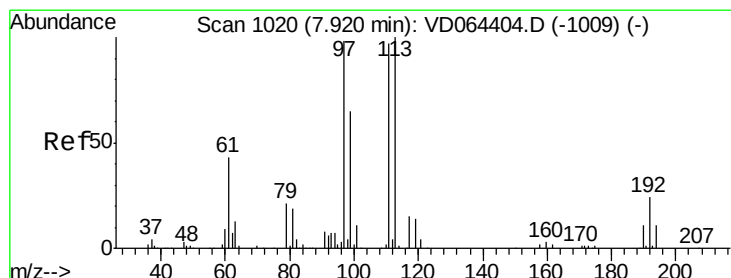
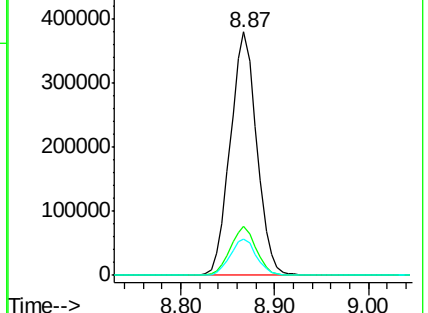
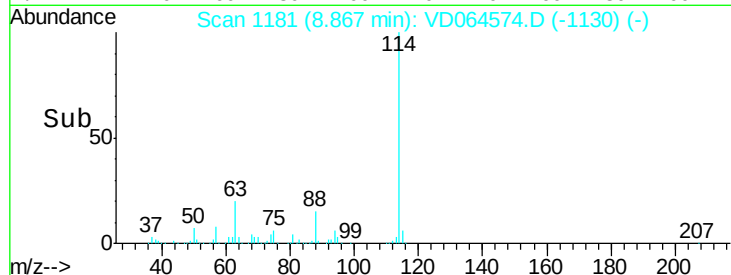
88 15.0 0.0 29.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 48.828 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD064574.D

Acq: 23 Dec 2019 17:58

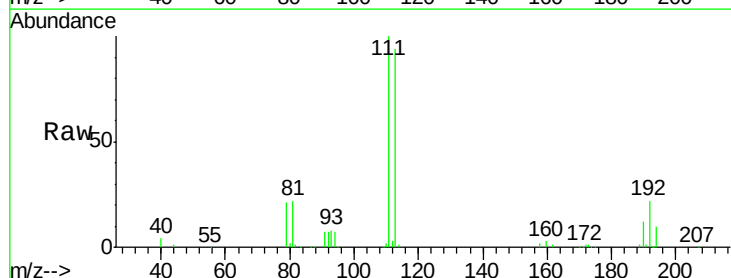
Tgt Ion:113 Resp: 228364

Ion Ratio Lower Upper

113 100

111 103.8 79.4 119.2

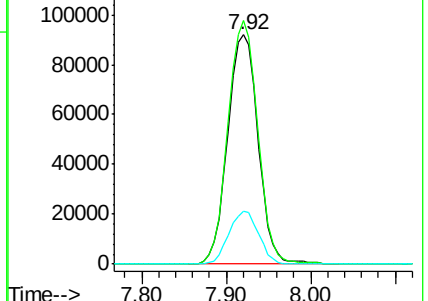
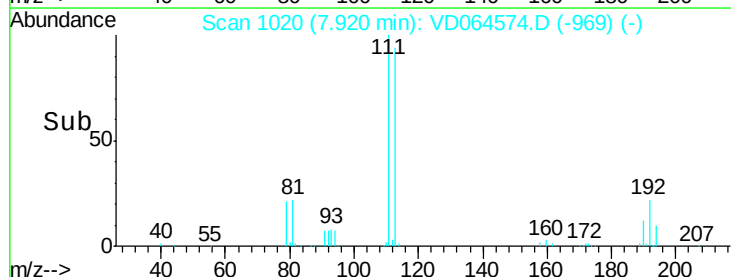
192 22.4 18.6 28.0

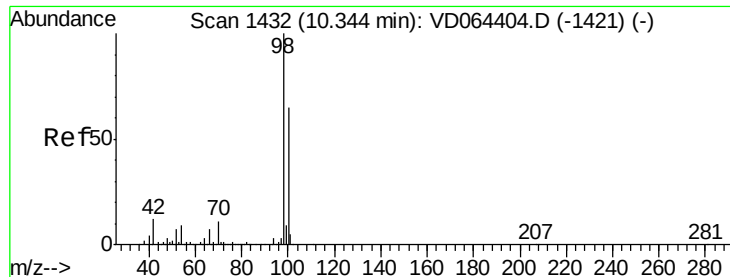


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.895 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.01 min

Lab File: VD064574.D

Acq: 23 Dec 2019 17:58

Instrument :

MSVOA_D

ClientSampleId :

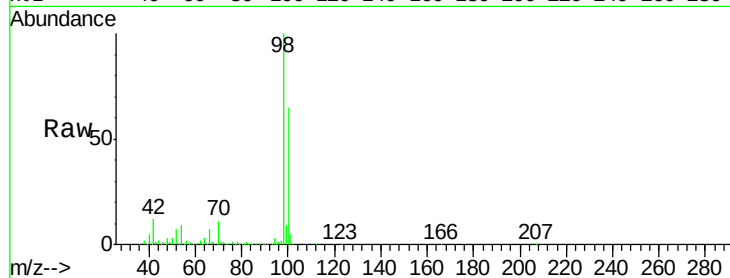
SB-4-(0-2)

Tot Ion: 98 Resp: 914253

Ion Ratio Lower Upper

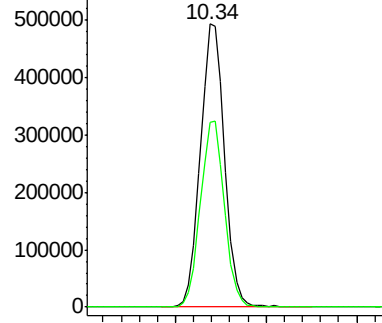
98 100

100 65.6 52.6 79.0

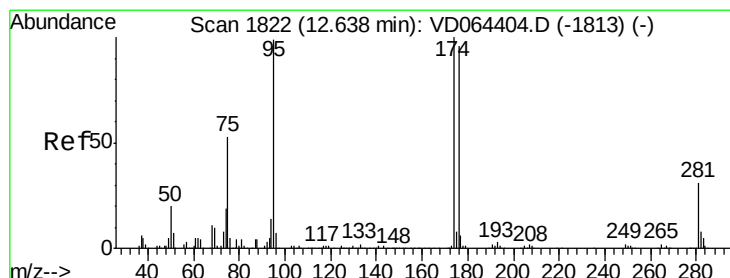
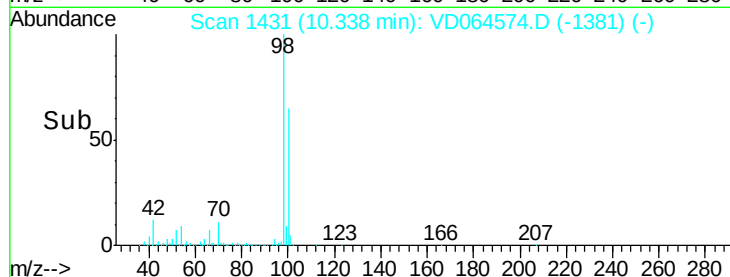


Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



Time-->



#62

4-Bromofluorobenzene

Concen: 59.970 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064574.D

Acq: 23 Dec 2019 17:58

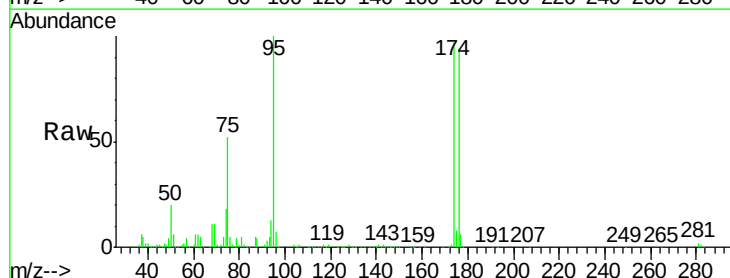
Tgt Ion: 95 Resp: 339533

Ion Ratio Lower Upper

95 100

174 96.1 0.0 197.2

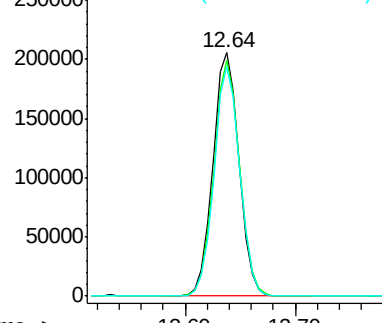
176 92.7 0.0 189.6



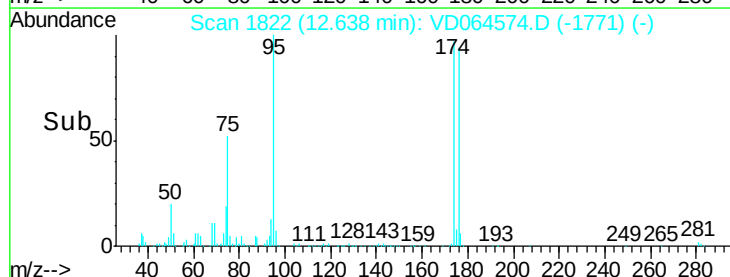
Abundance Ion 94.90 (94.60 to 95.60): VDC

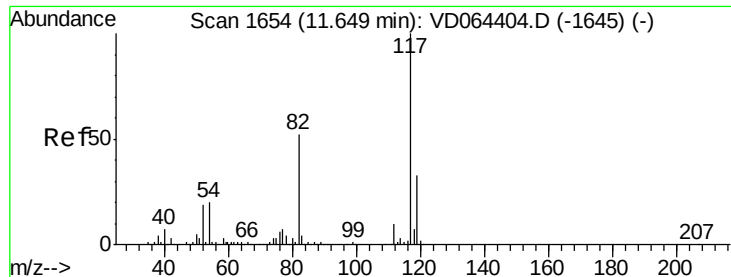
Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC



Time-->

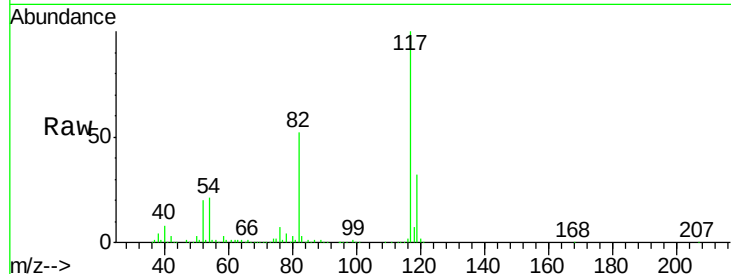




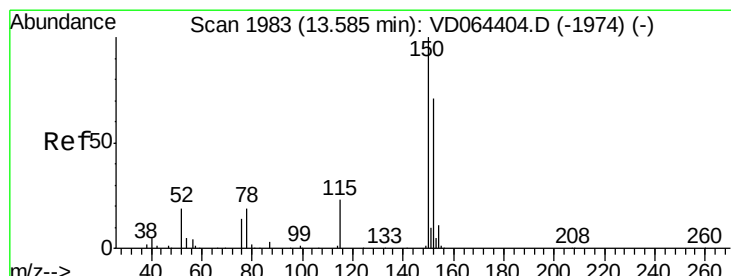
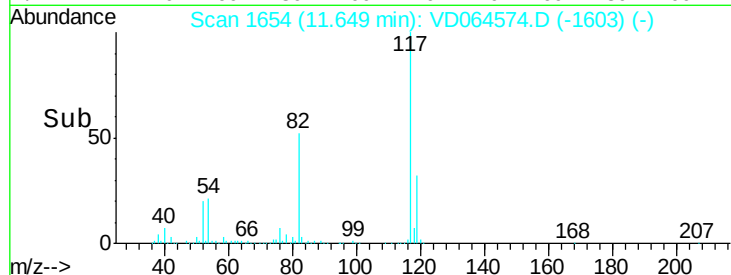
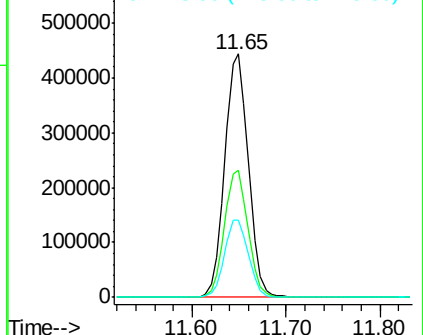
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064574.D
Acq: 23 Dec 2019 17:58

Instrument :
MSVOA_D
ClientSampleId :
SB-4-(0-2)

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.0	41.4	62.2
119	31.7	26.2	39.2

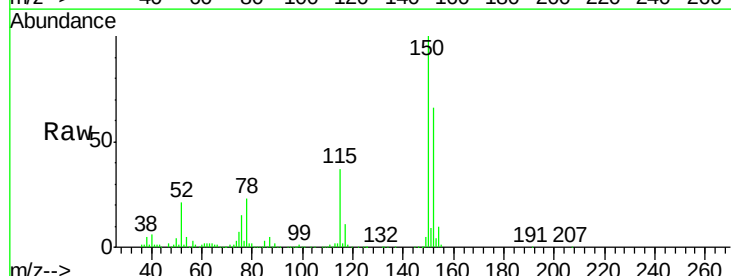


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

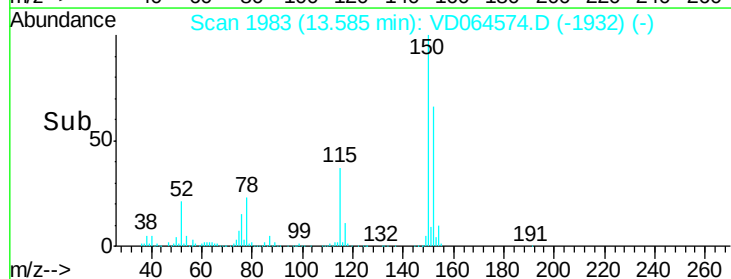
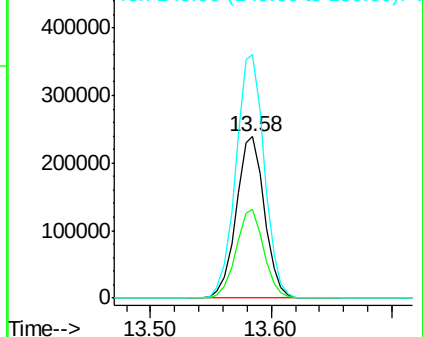


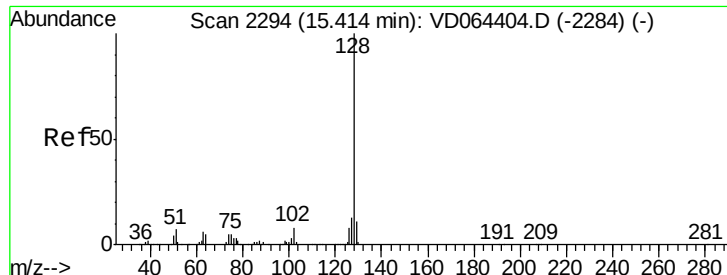
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064574.D
Acq: 23 Dec 2019 17:58

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.9	26.7	80.1
150	151.9	0.0	347.2



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





#95

Naphthalene

Concen: 1.314 ug/l

RT: 15.41 min Scan# 2294

Delta R.T. 0.00 min

Lab File: VD064574.D

Acq: 23 Dec 2019 17:58

Instrument :

MSVOA_D

ClientSampleId :

SB-4-(0-2)

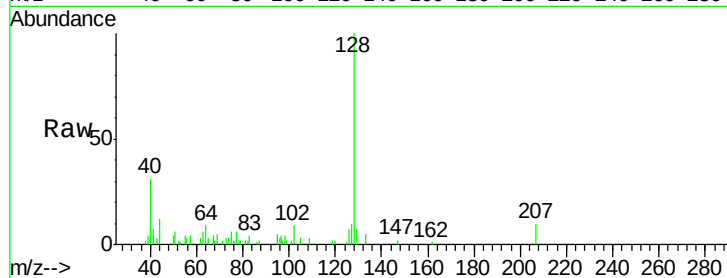
Tot Ion:128 Resp: 18867

Ion Ratio Lower Upper

128 100

127 14.3 10.5 15.7

129 13.7 8.8 13.2#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

