

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122719\
 Data File : VD064661.D
 Acq On : 28 Dec 2019 00:50
 Operator : VA/SY
 Sample : K6441-02
 Misc : 6.65G/5.00ml/MSVOA D/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 K321-SB-02

Quant Time: Dec 30 04:14:32 2019
 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

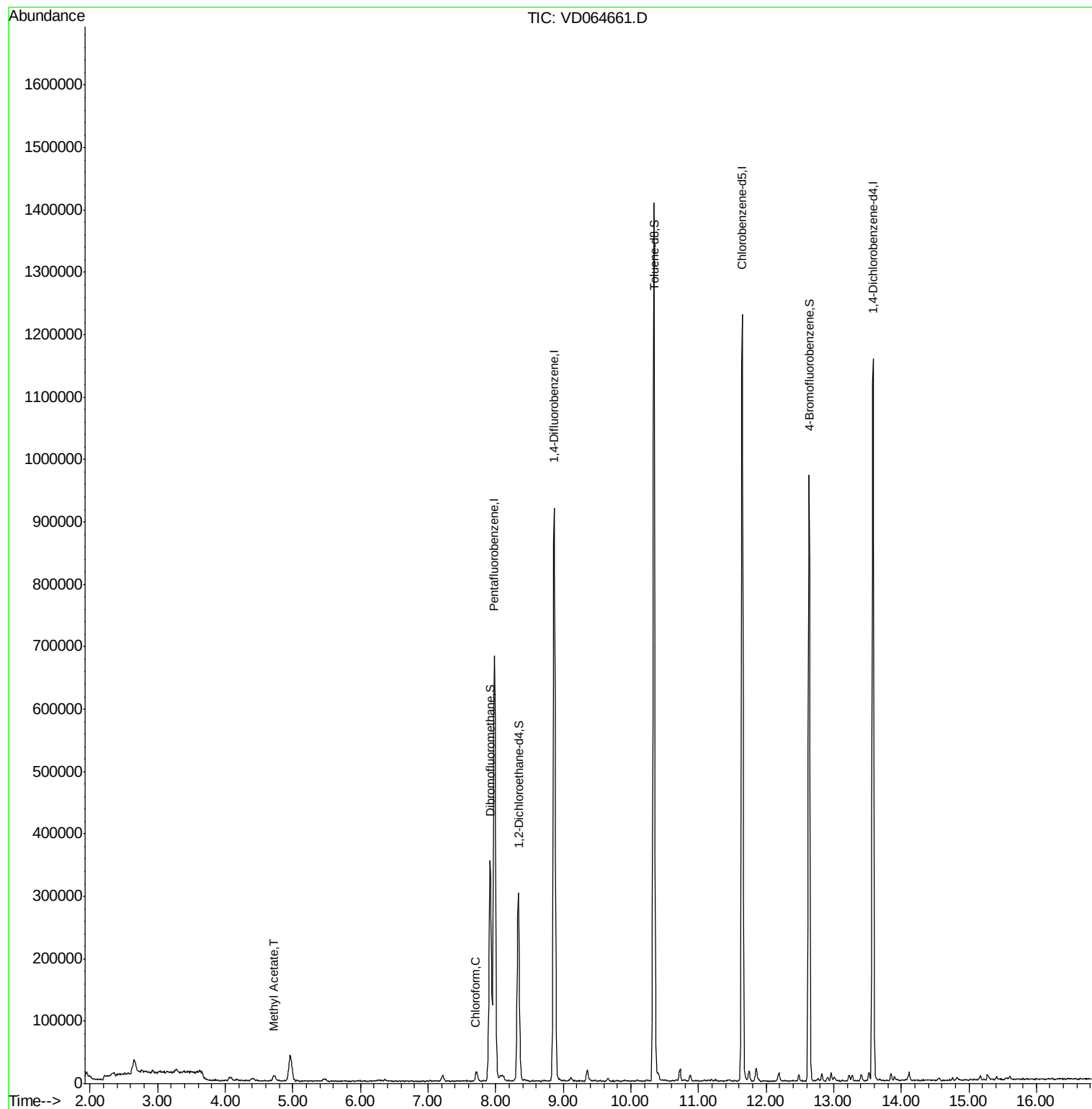
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	533449	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	804016	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	691598	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	312653	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	242030	51.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.90%	
35) Dibromofluoromethane	7.92	113	245540	49.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.56%	
50) Toluene-d8	10.34	98	945438	50.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.08%	
62) 4-Bromofluorobenzene	12.64	95	281915	47.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.38%	
Target Compounds						
18) Methyl Acetate	4.73	43	14770	5.577	ug/l	97
30) Chloroform	7.71	83	13292	1.446	ug/l	92

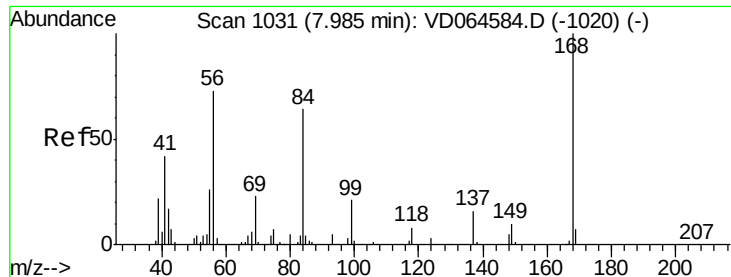
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD064661.D

Acq: 28 Dec 2019 00:50

Instrument :

MSVOA_D

ClientSampleId :

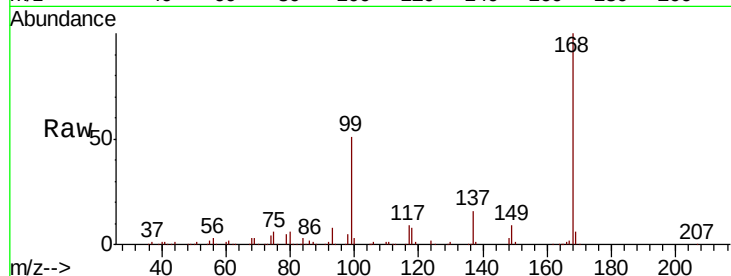
K321-SB-02

Tot Ion:168 Resp: 533449

Ion Ratio Lower Upper

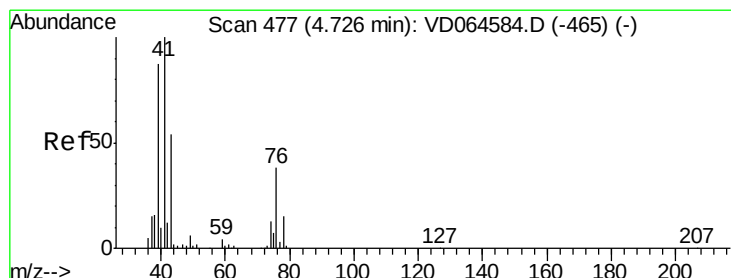
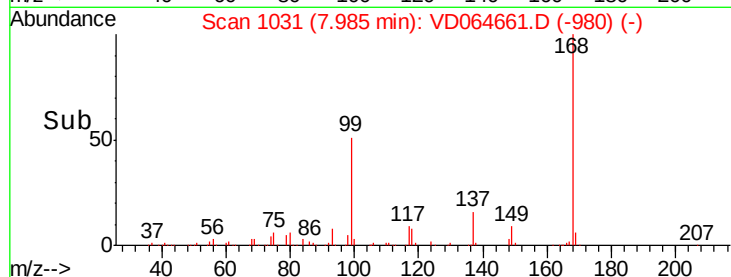
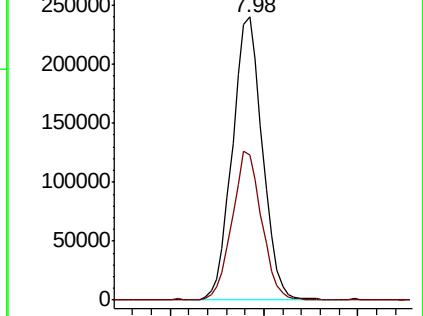
168 100

99 51.2 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#18

Methyl Acetate

Concen: 5.577 ug/l

RT: 4.73 min Scan# 477

Delta R.T. 0.00 min

Lab File: VD064661.D

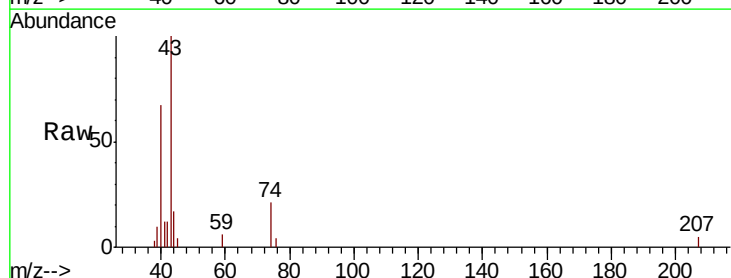
Acq: 28 Dec 2019 00:50

Tgt Ion: 43 Resp: 14770

Ion Ratio Lower Upper

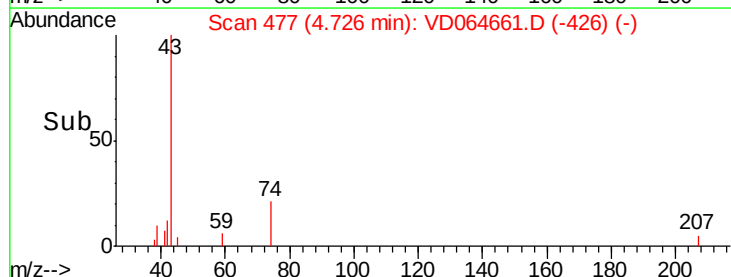
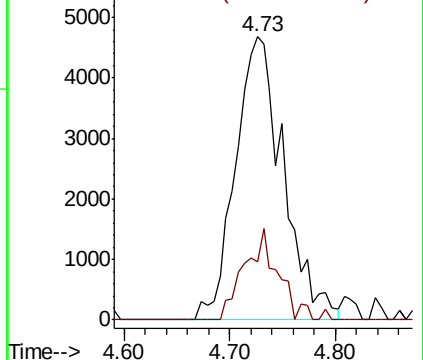
43 100

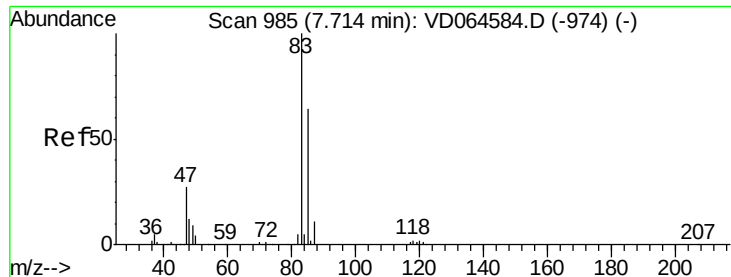
74 22.4 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

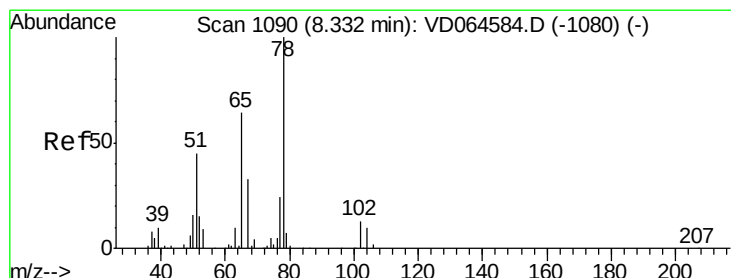
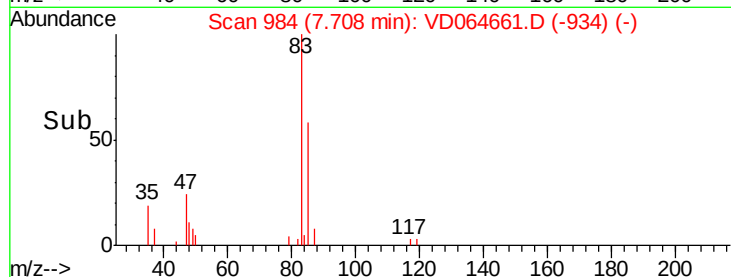
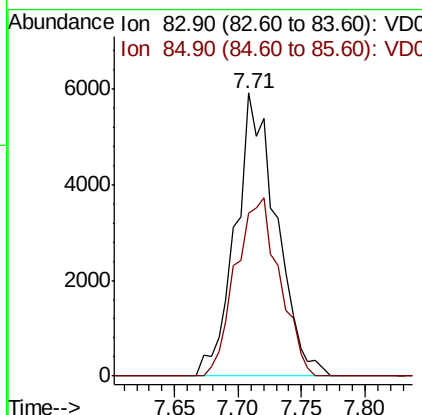
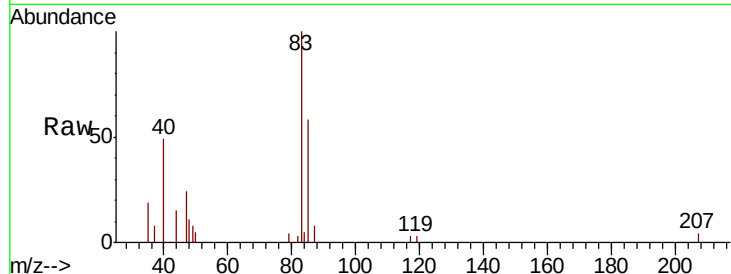




#30
Chloroform
Concen: 1.446 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.01 min
Lab File: VD064661.D
Acq: 28 Dec 2019 00:50

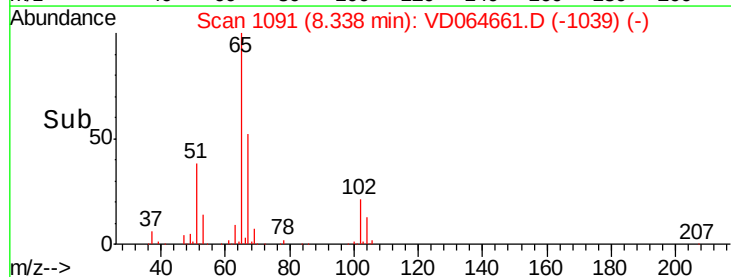
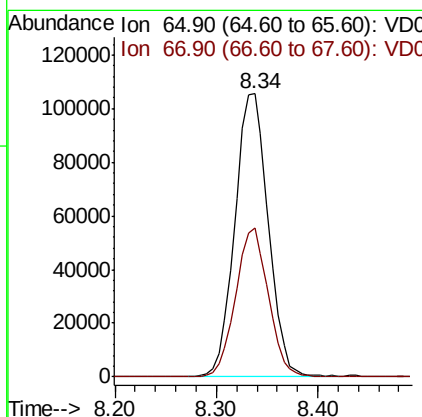
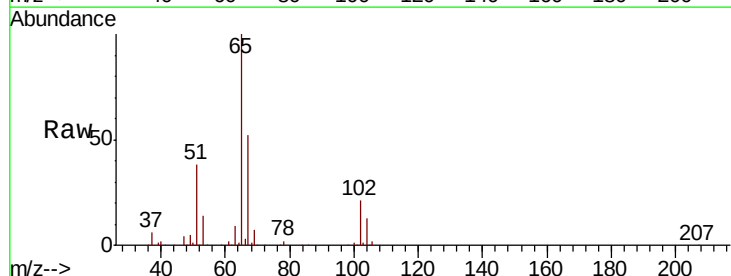
Instrument :
MSVOA_D
ClientSampleId :
K321-SB-02

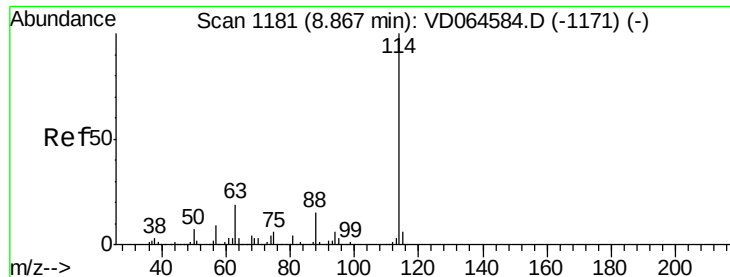
Tot Ion: 83 Resp: 13292
Ion Ratio Lower Upper
83 100
85 57.7 51.1 76.7



#33
1,2-Dichloroethane-d4
Concen: 51.453 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.01 min
Lab File: VD064661.D
Acq: 28 Dec 2019 00:50

Tgt Ion: 65 Resp: 242030
Ion Ratio Lower Upper
65 100
67 51.6 0.0 106.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD064661.D

Acq: 28 Dec 2019 00:50

Instrument :

MSVOA_D

ClientSampleId :

K321-SB-02

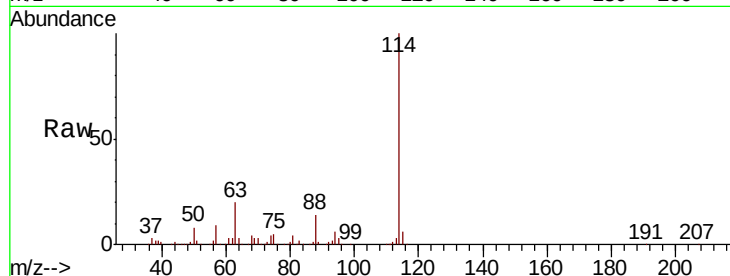
Tot Ion:114 Resp: 804016

Ion Ratio Lower Upper

114 100

63 19.5 0.0 38.0

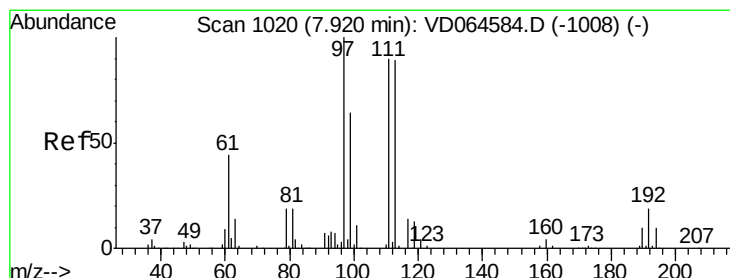
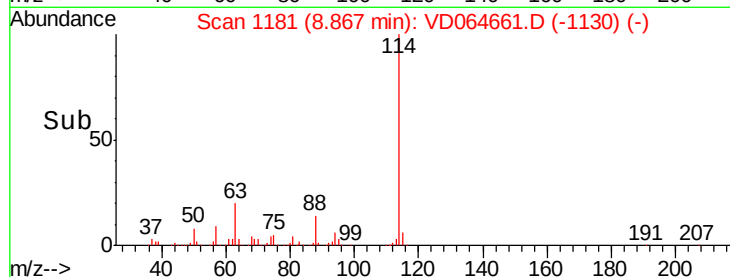
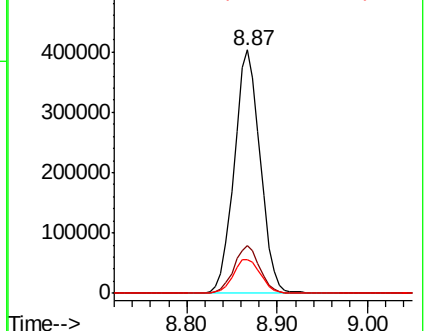
88 13.9 0.0 29.2



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: 49.777 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD064661.D

Acq: 28 Dec 2019 00:50

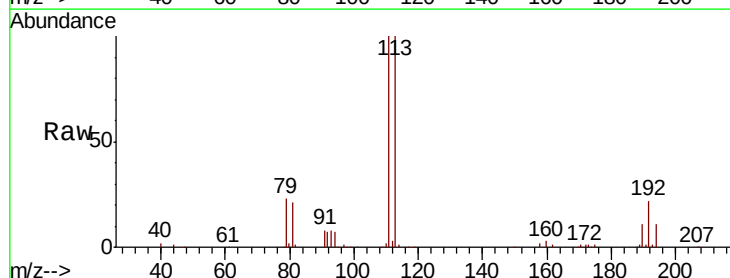
Tgt Ion:113 Resp: 245540

Ion Ratio Lower Upper

113 100

111 102.9 80.6 121.0

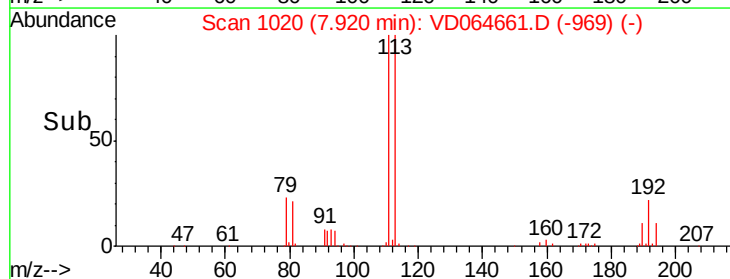
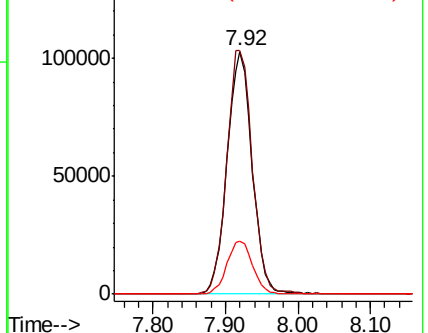
192 22.6 17.9 26.9

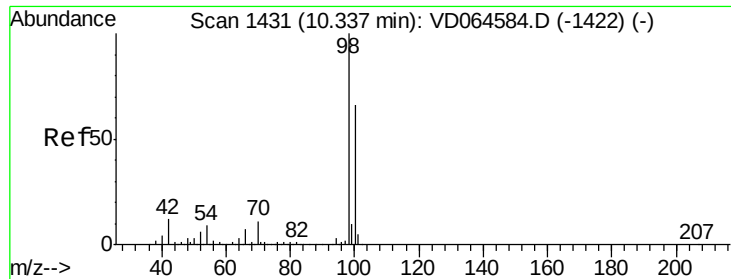


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.044 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD064661.D

Acq: 28 Dec 2019 00:50

Instrument :

MSVOA_D

ClientSampleId :

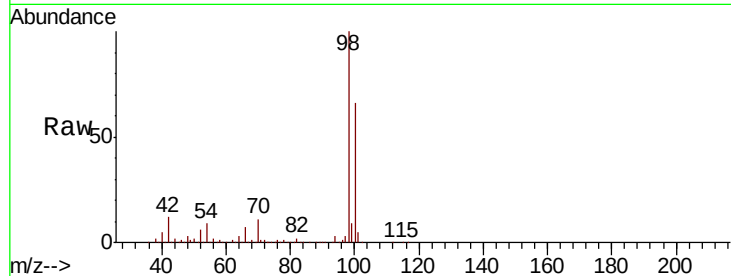
K321-SB-02

Tot Ion: 98 Resp: 945438

Ion Ratio Lower Upper

98 100

100 65.8 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

10.34

600000

500000

400000

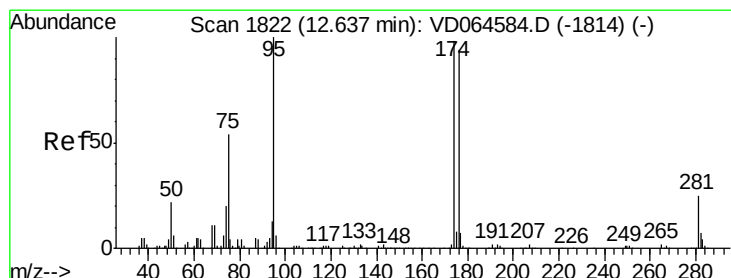
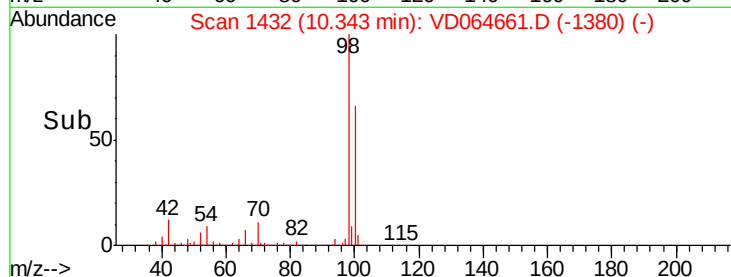
300000

200000

100000

0

Time--> 10.20 10.30 10.40 10.50



#62

4-Bromofluorobenzene

Concen: 47.192 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064661.D

Acq: 28 Dec 2019 00:50

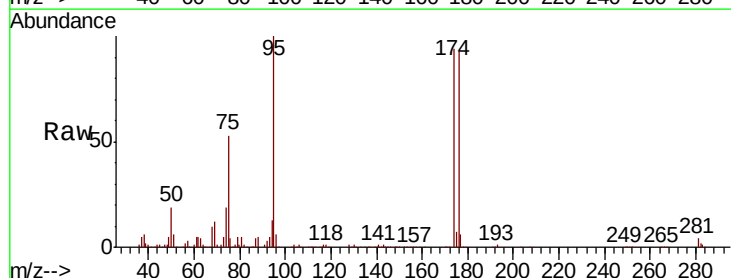
Tgt Ion: 95 Resp: 281915

Ion Ratio Lower Upper

95 100

174 94.9 0.0 193.2

176 92.6 0.0 184.2



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

12.64

200000

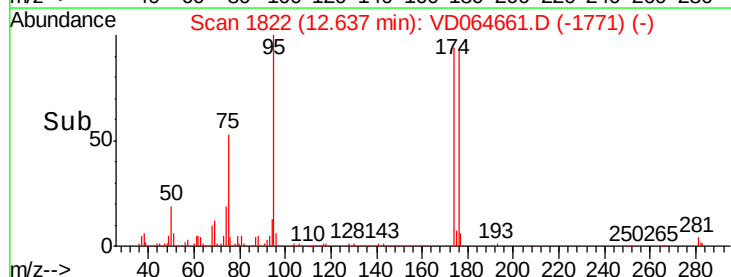
150000

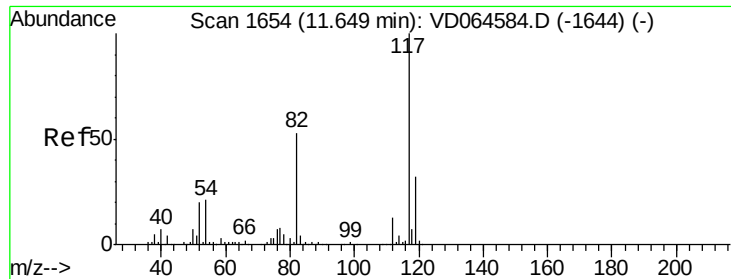
100000

50000

0

Time--> 12.60 12.70

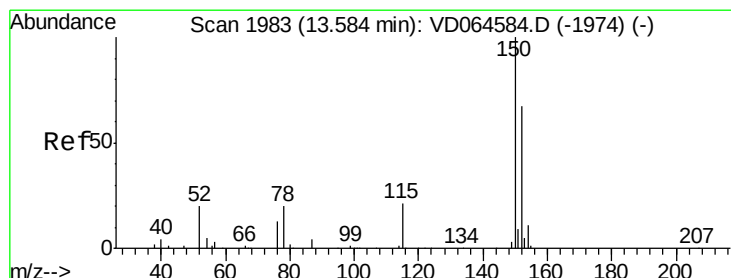
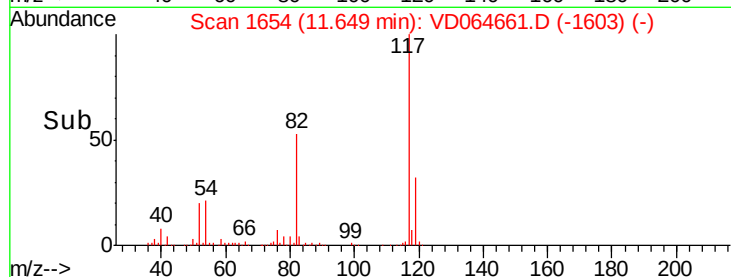
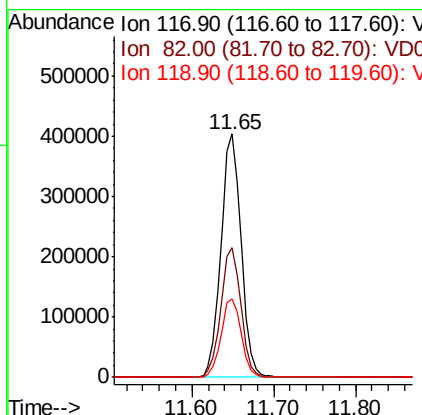
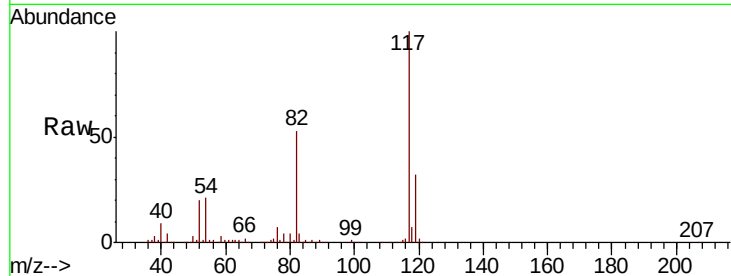




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064661.D
Acq: 28 Dec 2019 00:50

Instrument :
MSVOA_D
ClientSampleId :
K321-SB-02

Tot Ion:117 Resp: 691598
Ion Ratio Lower Upper
117 100
82 53.1 42.2 63.4
119 32.5 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: VD064661.D
Acq: 28 Dec 2019 00:50

Tgt Ion:152 Resp: 312653
Ion Ratio Lower Upper
152 100
115 54.4 27.8 83.4
150 159.2 0.0 351.4

