

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122719\
 Data File : VD064662.D
 Acq On : 28 Dec 2019 01:19
 Operator : VA/SY
 Sample : K6441-03
 Misc : 6.57G/5.00ml/MSVOA D/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 K321-SB-03

Quant Time: Dec 30 04:15:57 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

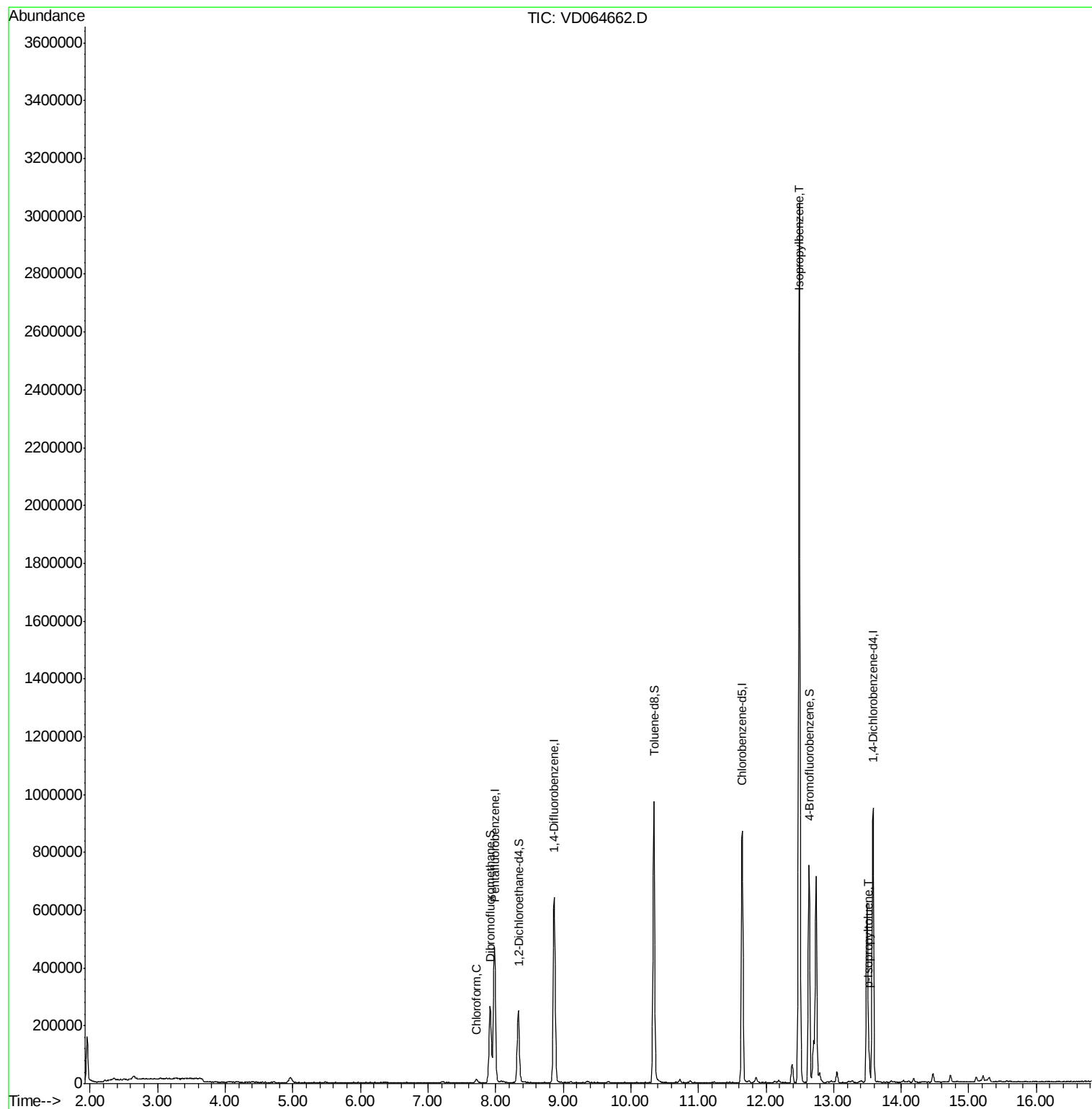
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	360835	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	557010	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	502025	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	255465	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	196074	61.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.24%	
35) Dibromofluoromethane	7.92	113	180198	52.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.46%	
50) Toluene-d8	10.34	98	662627	50.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.26%	
62) 4-Bromofluorobenzene	12.64	95	224280	54.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.38%	
Target Compounds						
30) Chloroform	7.71	83	8758	1.408	ug/l	91
73) Isopropylbenzene	12.49	105	125836	6.893	ug/l #	65
86) p-Isopropyltoluene	13.52	119	69593	4.077	ug/l #	77

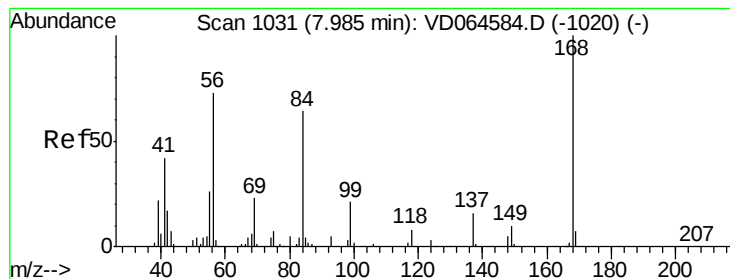
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064662.D

Acq: 28 Dec 2019 01:19

Instrument :

MSVOA_D

ClientSampleId :

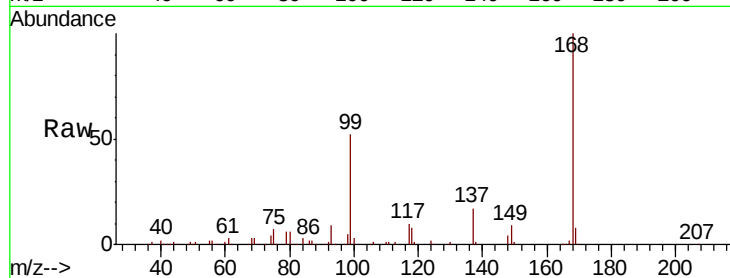
K321-SB-03

Tot Ion:168 Resp: 360835

Ion Ratio Lower Upper

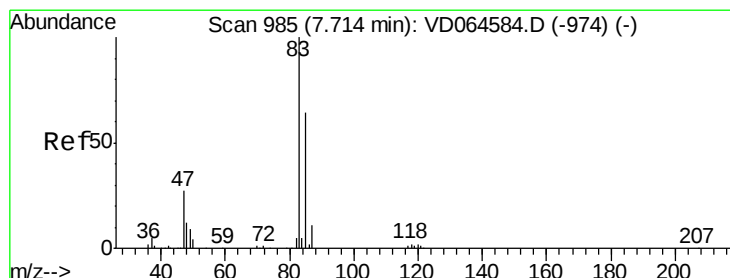
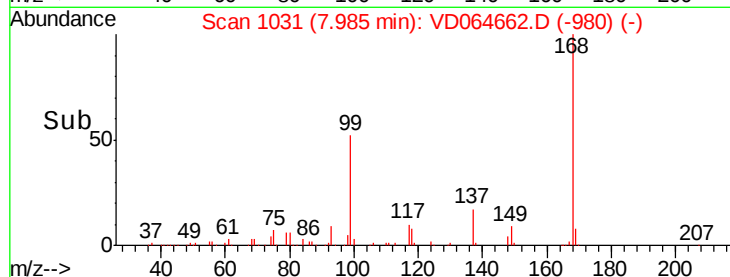
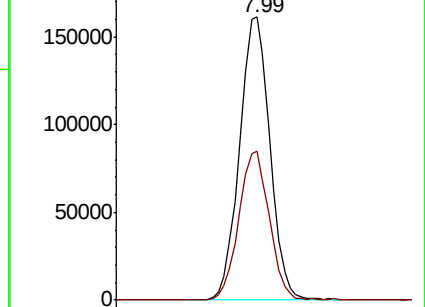
168 100

99 52.3 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#30

Chloroform

Concen: 1.408 ug/l

RT: 7.71 min Scan# 985

Delta R.T. 0.00 min

Lab File: VD064662.D

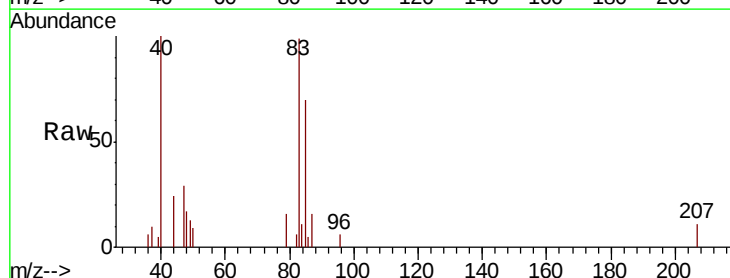
Acq: 28 Dec 2019 01:19

Tgt Ion: 83 Resp: 8758

Ion Ratio Lower Upper

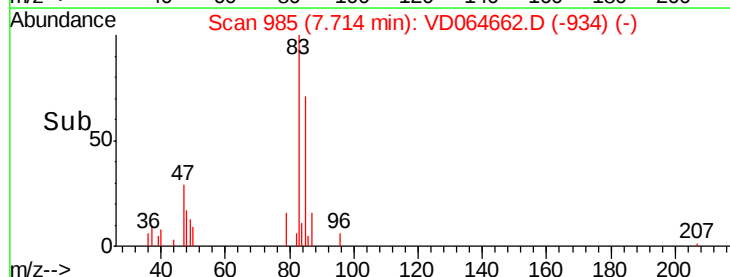
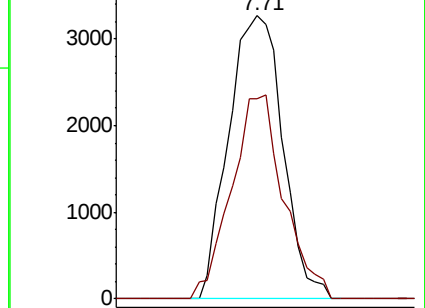
83 100

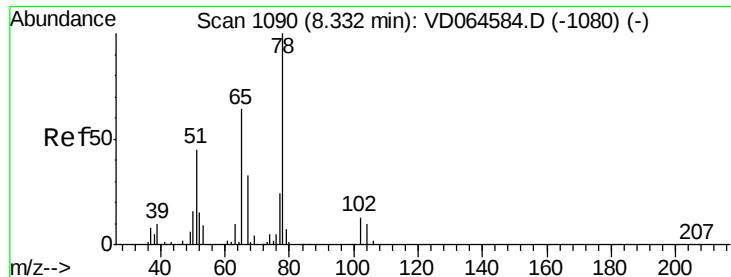
85 70.9 51.1 76.7



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC





#33

1,2-Dichloroethane-d4

Concen: 61.624 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD064662.D

Acq: 28 Dec 2019 01:19

Instrument :

MSVOA_D

ClientSampleId :

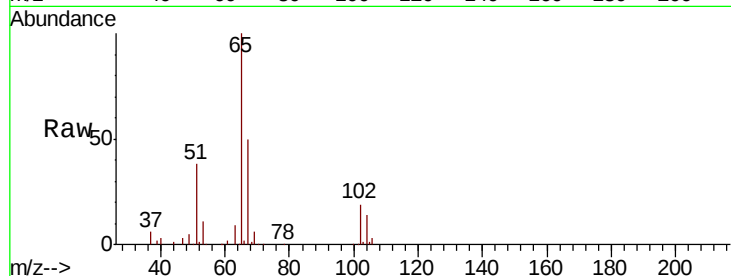
K321-SB-03

Tot Ion: 65 Resp: 196074

Ion Ratio Lower Upper

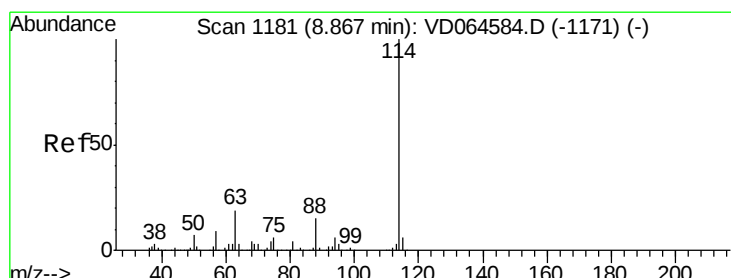
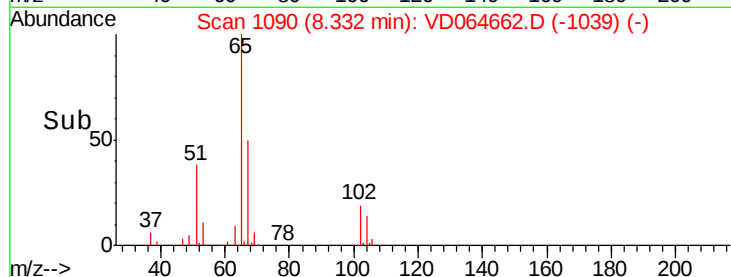
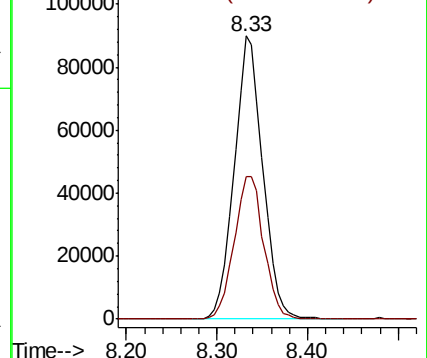
65 100

67 52.3 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD064662.D

Acq: 28 Dec 2019 01:19

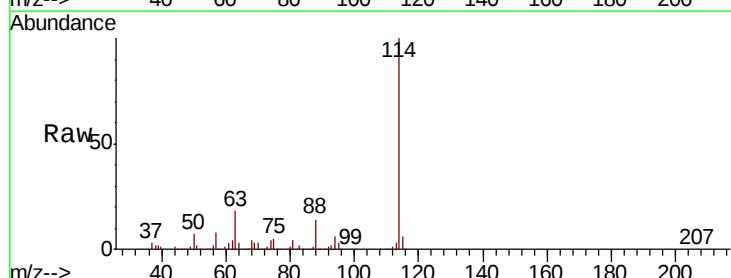
Tgt Ion: 114 Resp: 557010

Ion Ratio Lower Upper

114 100

63 18.4 0.0 38.0

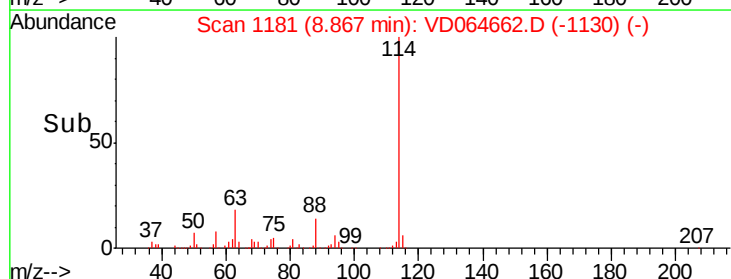
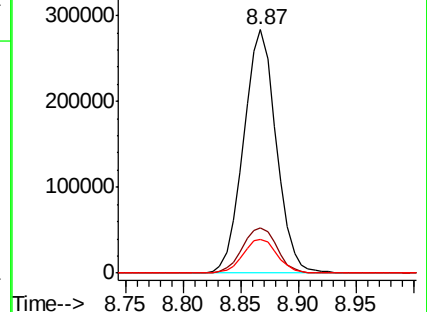
88 13.8 0.0 29.2

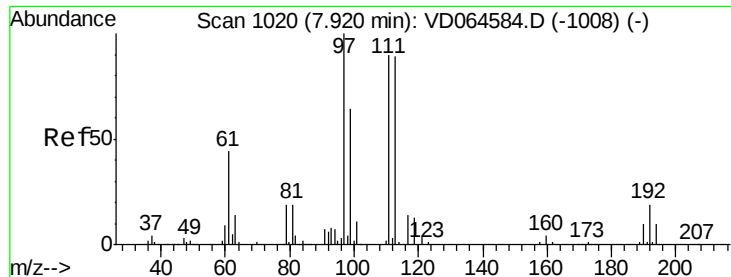


Abundance Ion 113.90 (113.60 to 114.60): VDC

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

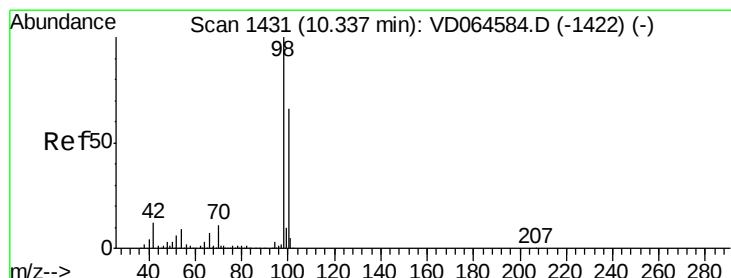
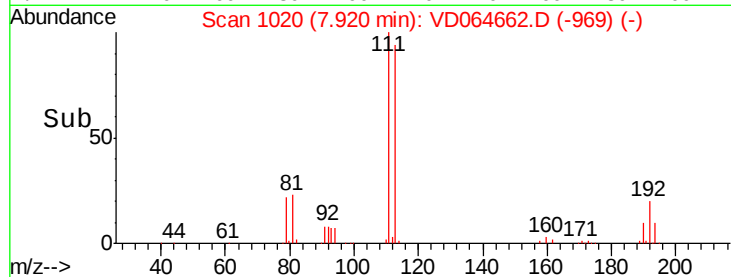
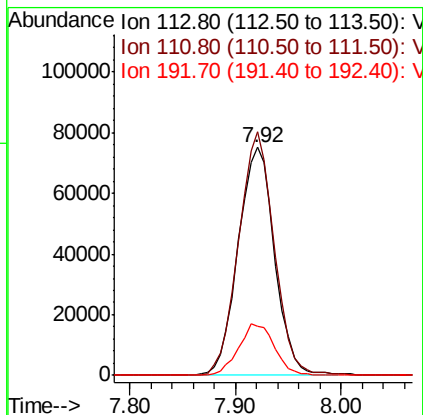
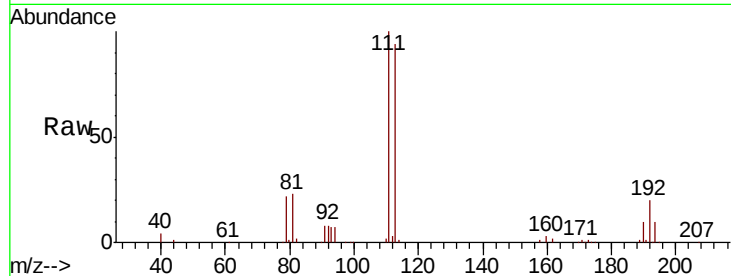




#35
 Dibromofluoromethane
 Concen: 52.730 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064662.D
 Acq: 28 Dec 2019 01:19

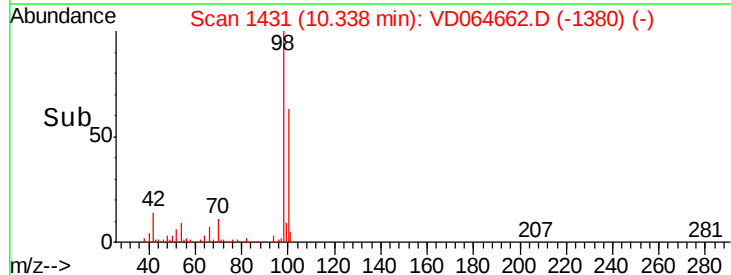
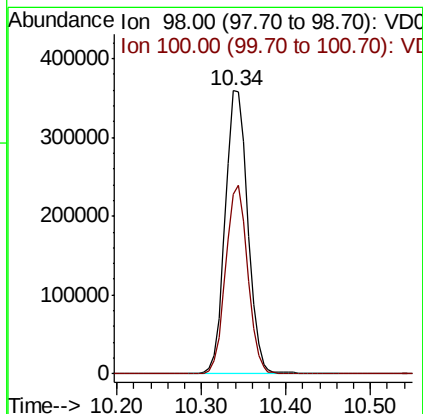
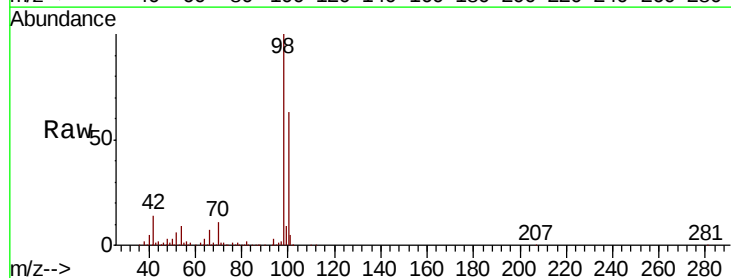
Instrument :
 MSVOA_D
 ClientSampleId :
 K321-SB-03

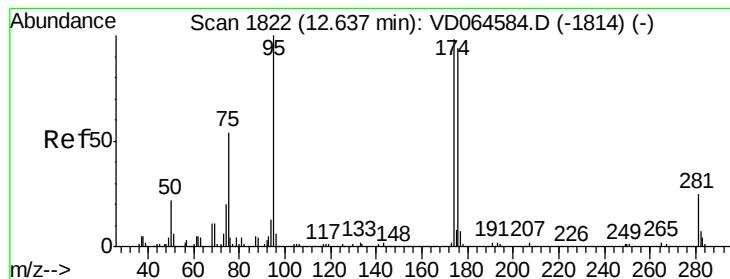
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.0	80.6	121.0
192	22.2	17.9	26.9



#50
 Toluene-d8
 Concen: 50.628 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: VD064662.D
 Acq: 28 Dec 2019 01:19

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.7	77.5





#62

4-Bromofluorobenzene

Concen: 54.192 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064662.D

Acq: 28 Dec 2019 01:19

Instrument :

MSVOA_D

ClientSampleId :

K321-SB-03

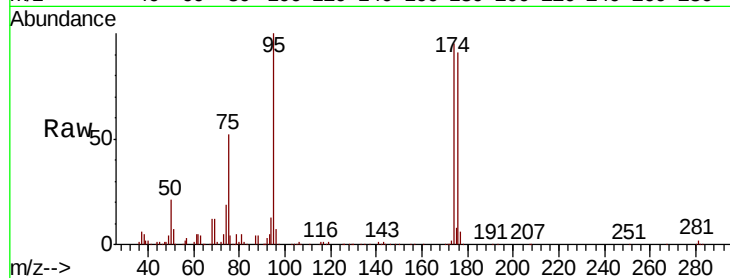
Tot Ion: 95 Resp: 224280

Ion Ratio Lower Upper

95 100

174 94.2 0.0 193.2

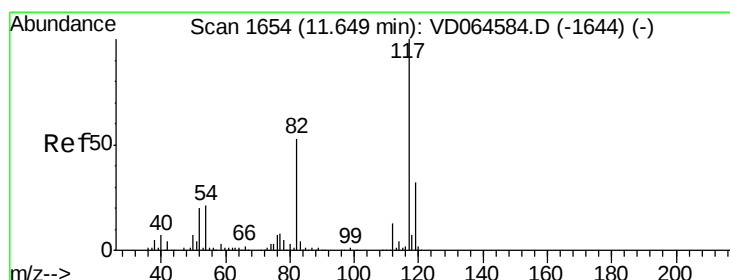
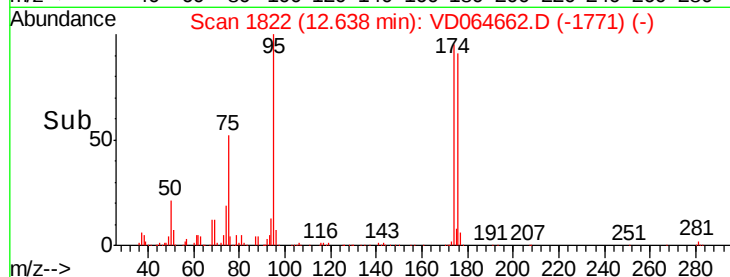
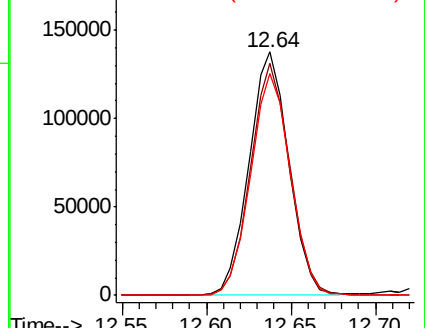
176 91.3 0.0 184.2



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. 0.00 min

Lab File: VD064662.D

Acq: 28 Dec 2019 01:19

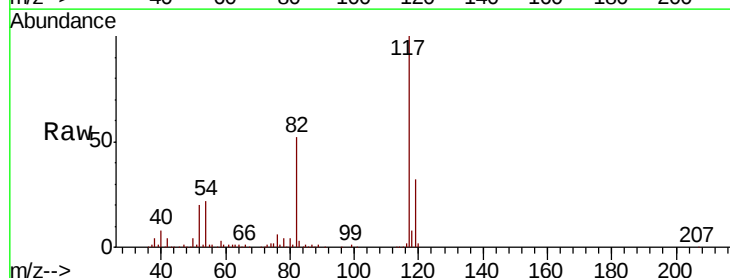
Tgt Ion: 117 Resp: 502025

Ion Ratio Lower Upper

117 100

82 52.4 42.2 63.4

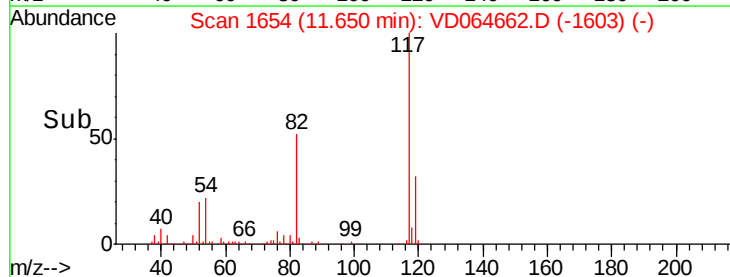
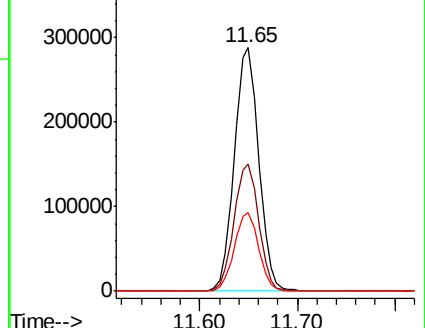
119 32.0 26.0 39.0

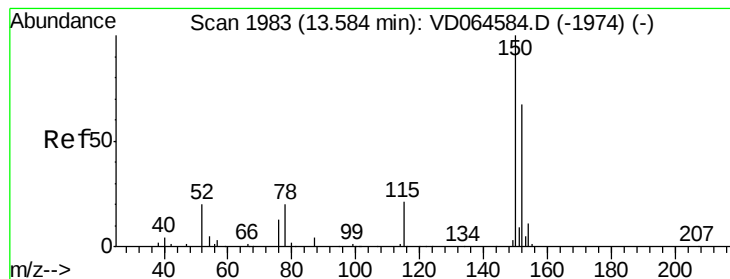


Abundance Ion 116.90 (116.60 to 117.60): V

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: VD064662.D

Acq: 28 Dec 2019 01:19

Instrument :

MSVOA_D

ClientSampleId :

K321-SB-03

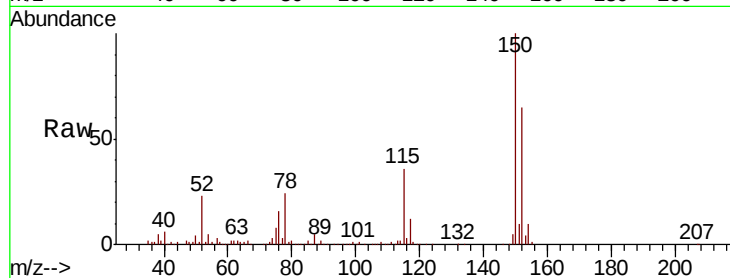
Tot Ion:152 Resp: 255465

Ion Ratio Lower Upper

152 100

115 55.0 27.8 83.4

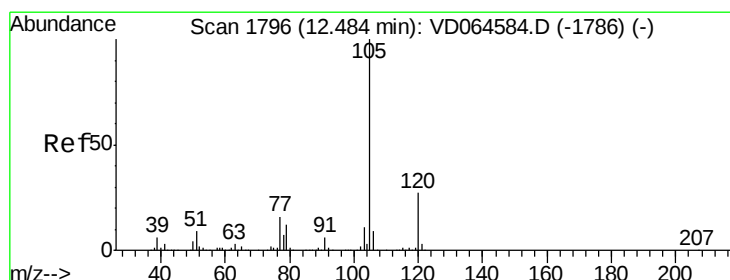
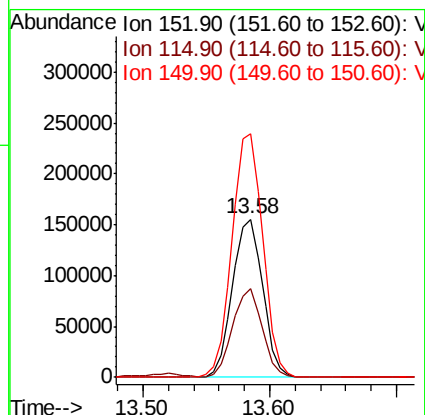
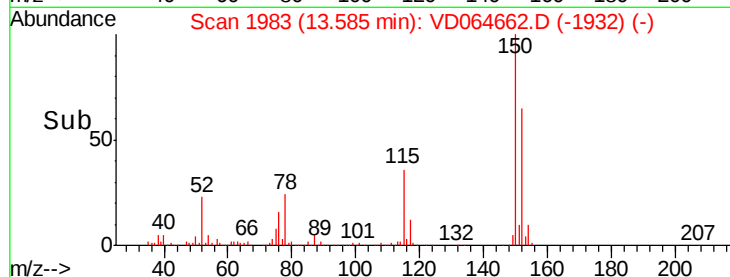
150 156.7 0.0 351.4



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



#73

Isopropylbenzene

Concen: 6.893 ug/l

RT: 12.49 min Scan# 1797

Delta R.T. 0.01 min

Lab File: VD064662.D

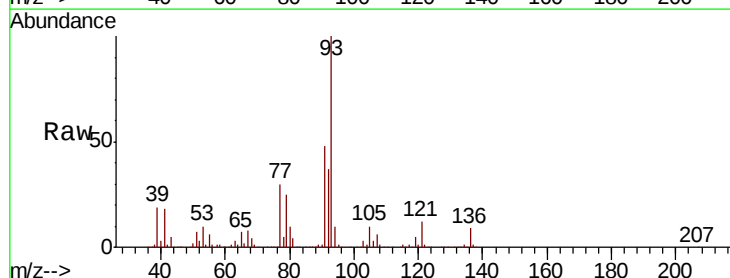
Acq: 28 Dec 2019 01:19

Tgt Ion:105 Resp: 125836

Ion Ratio Lower Upper

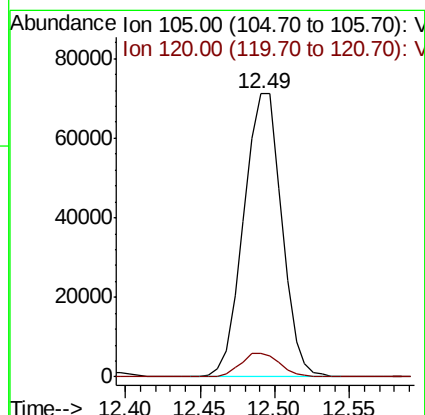
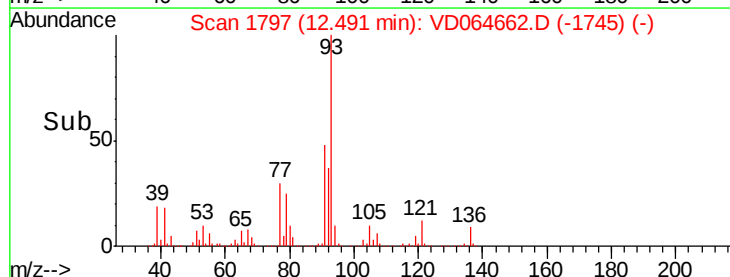
105 100

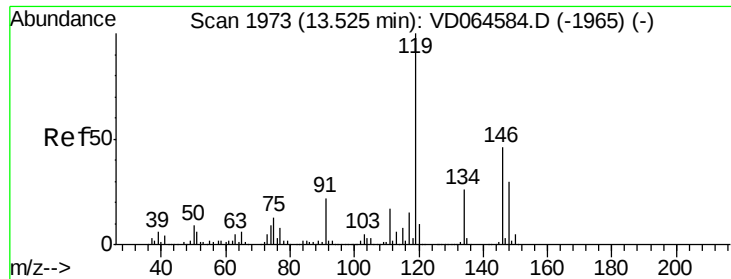
120 8.8 13.5 40.5#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

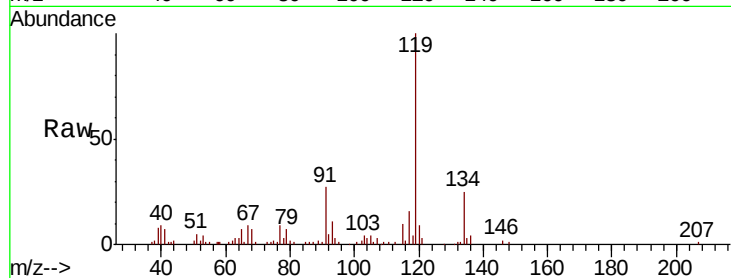




#86
 p-Isopropyltoluene
 Concen: 4.077 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.01 min
 Lab File: VD064662.D
 Acq: 28 Dec 2019 01:19

Instrument :
 MSVOA_D
 ClientSampleId :
 K321-SB-03

Tot Ion	Ratio	Lower	Upper
119	100		
134	28.7	13.4	40.1
91	0.0	11.2	33.6



Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

