

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD010320\
 Data File : VD064744.D
 Acq On : 03 Jan 2020 19:56
 Operator : VA/SY
 Sample : K6471-11
 Misc : 6.20G/5.00ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 06 06:48:46 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

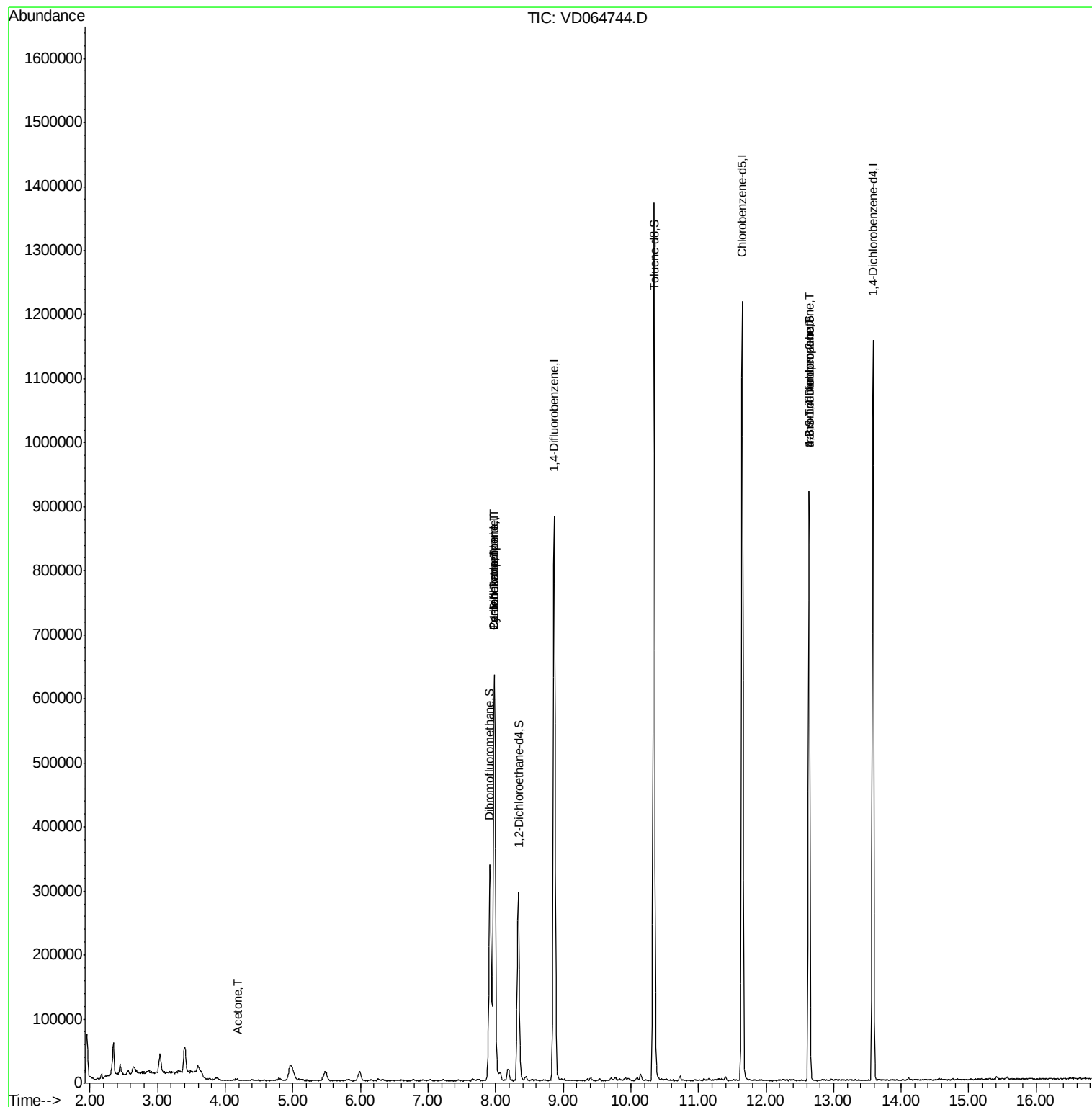
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	494119	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	760576	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	669217	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	305281	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	233044	53.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.98%	
35) Dibromofluoromethane	7.92	113	234403	50.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.46%	
50) Toluene-d8	10.34	98	910101	50.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.86%	
62) 4-Bromofluorobenzene	12.64	95	274312	48.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.08%	
Target Compounds						
					Qvalue	
16) Acetone	4.17	43	3662	7.702	ug/l #	76
20) Methylene Chloride	4.97	84	15486	Below Cal	#	86
31) Cyclohexane	7.99	56	12716	1.565	ug/l #	26
36) 1,1-Dichloropropene	7.99	75	34689	4.739	ug/l #	50
38) Carbon Tetrachloride	7.98	117	46185	5.917	ug/l #	16
76) 1,2,3-Trichloropropane	12.64	75	145799	60.480	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	145799	126.493	ug/l #	10

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD064744.D

Acq: 03 Jan 2020 19:56

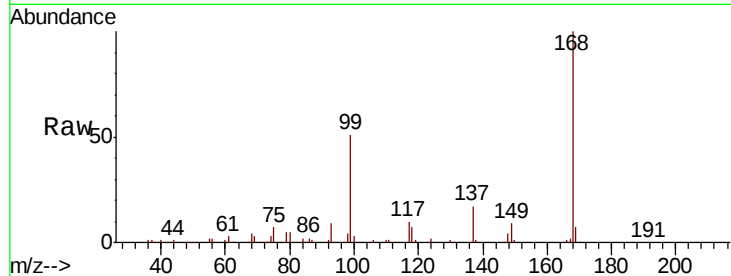
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 494119

Ion Ratio Lower Upper

168 100

99 50.7 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

200000

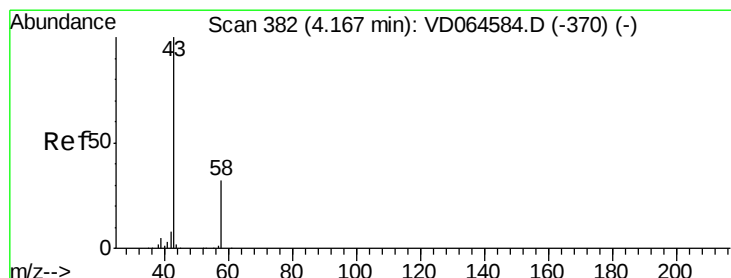
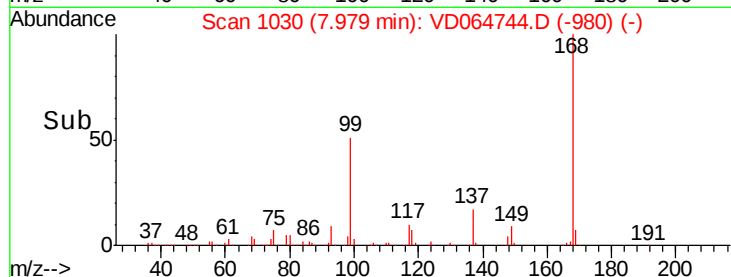
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 7.702 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD064744.D

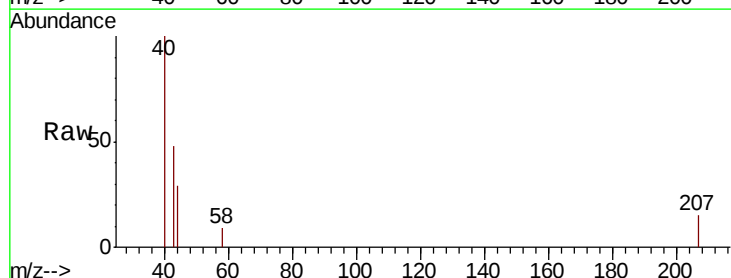
Acq: 03 Jan 2020 19:56

Tgt Ion: 43 Resp: 3662

Ion Ratio Lower Upper

43 100

58 18.9 25.8 38.6#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.17

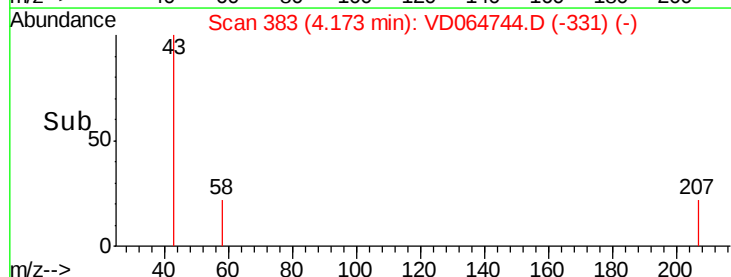
1500

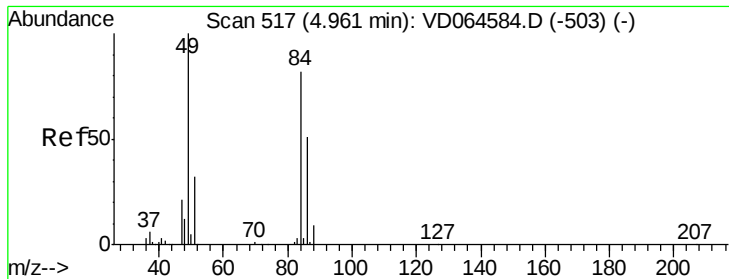
1000

500

0

Time-->





#20

Methylene Chloride

Concen: Below Cal

RT: 4.97 min Scan# 518

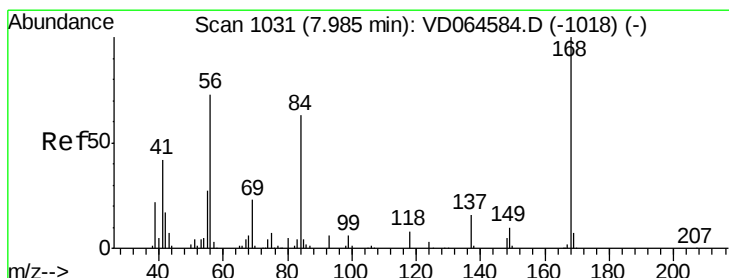
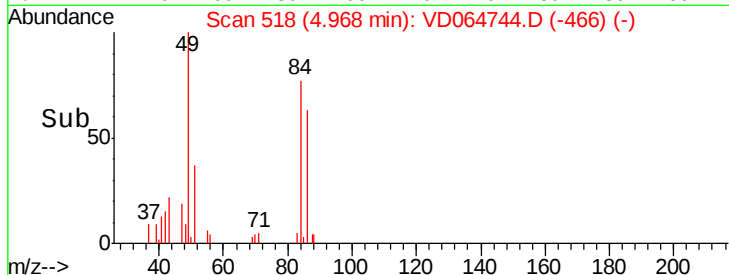
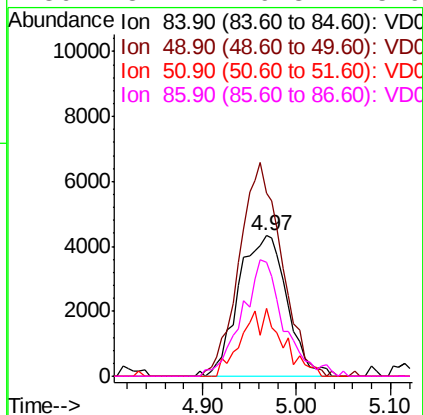
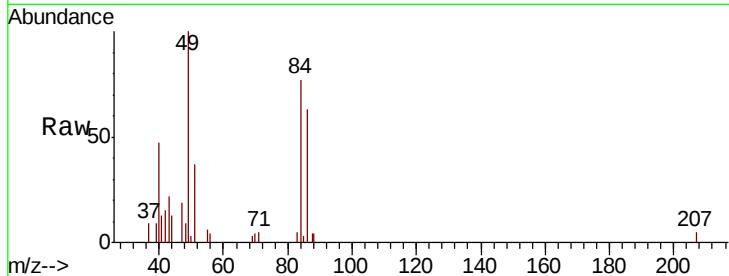
Delta R.T. 0.01 min

Lab File: VD064744.D

Acq: 03 Jan 2020 19:56

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:	84	Resp:	15486
Ion	Ratio	Lower	Upper
84	100		
49	130.3	97.2	145.8
51	48.6	31.4	47.0#
86	81.4	49.3	73.9#



#31

Cyclohexane

Concen: 1.565 ug/l

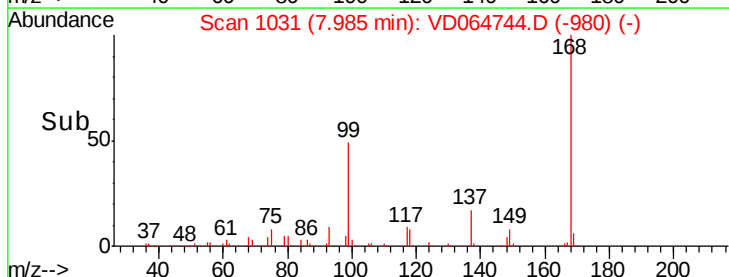
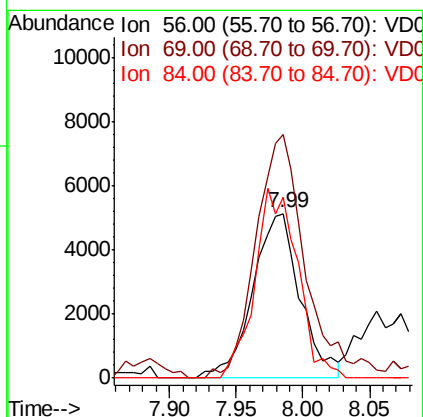
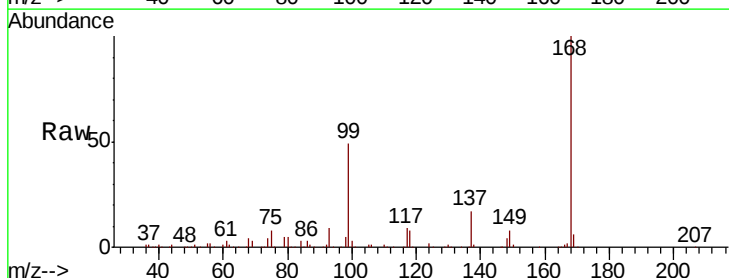
RT: 7.99 min Scan# 1031

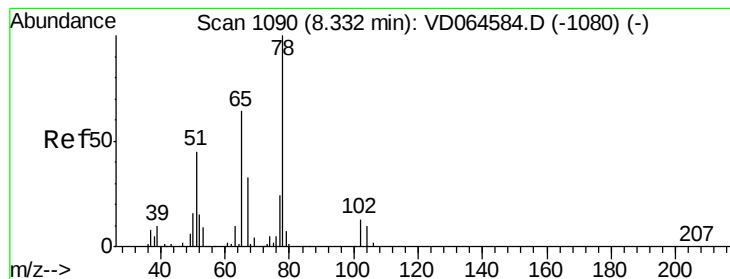
Delta R.T. 0.00 min

Lab File: VD064744.D

Acq: 03 Jan 2020 19:56

Tgt Ion:	56	Resp:	12716
Ion	Ratio	Lower	Upper
56	100		
69	147.7	24.7	37.1#
84	110.0	69.4	104.2#





#33

1,2-Dichloroethane-d4

Concen: 53.486 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD064744.D

Acq: 03 Jan 2020 19:56

Instrument :

MSVOA_D

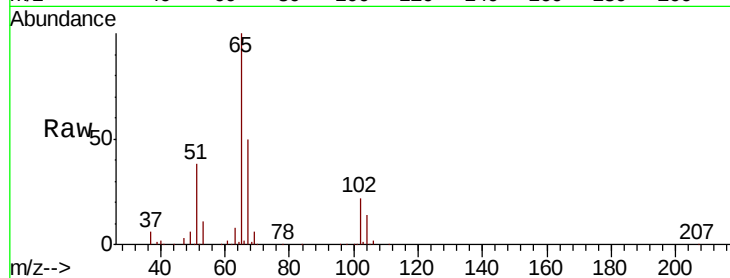
ClientSampleId :

Tot Ion: 65 Resp: 233044

Ion Ratio Lower Upper

65 100

67 51.3 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): V

Ion 66.90 (66.60 to 67.60): V

8.34

120000

100000

80000

60000

40000

20000

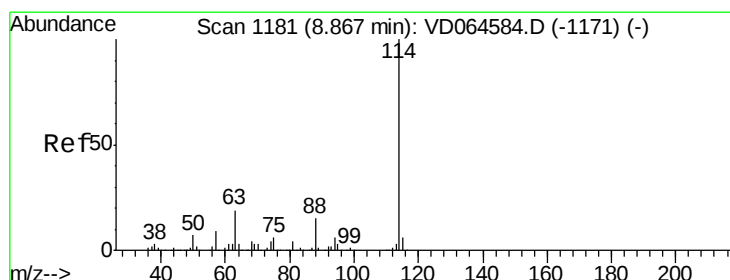
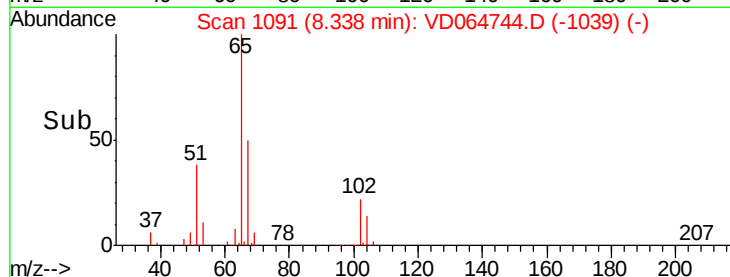
0

Time-->

8.20

8.30

8.40



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD064744.D

Acq: 03 Jan 2020 19:56

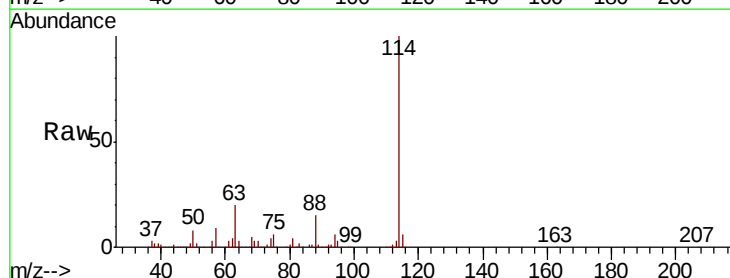
Tgt Ion: 114 Resp: 760576

Ion Ratio Lower Upper

114 100

63 19.9 0.0 38.0

88 14.8 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

8.87

500000

400000

300000

200000

100000

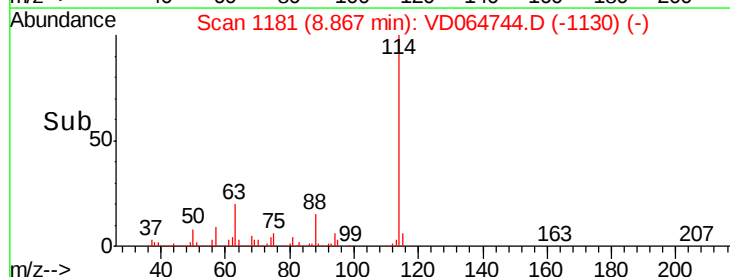
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Time-->

8.80

8.90

9.00

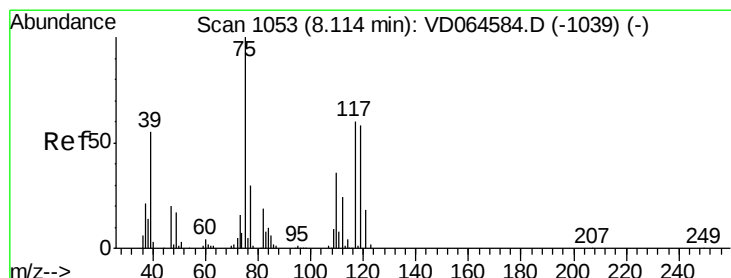
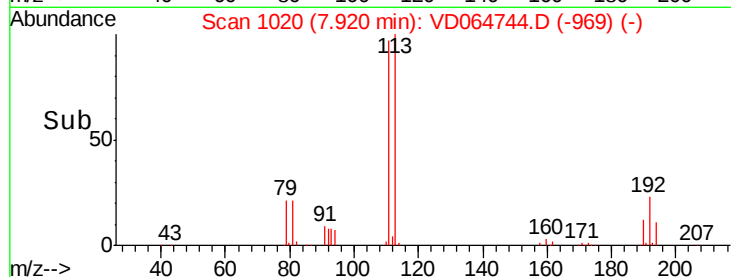
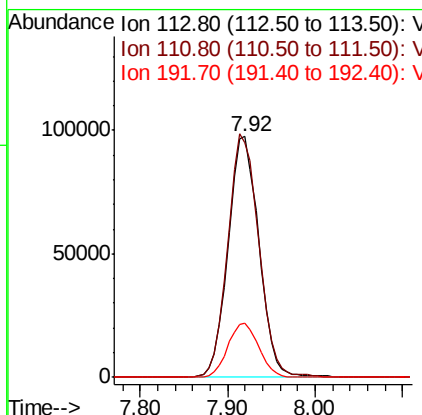
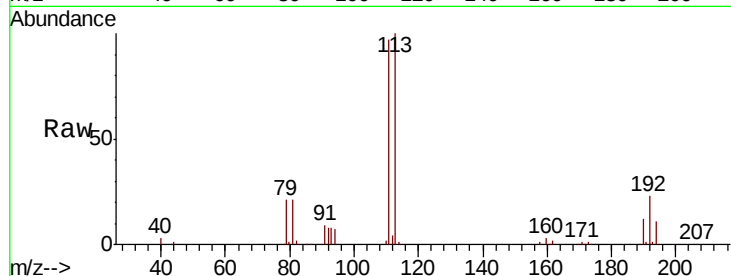




#35
 Dibromofluoromethane
 Concen: 50.234 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064744.D
 Acq: 03 Jan 2020 19:56

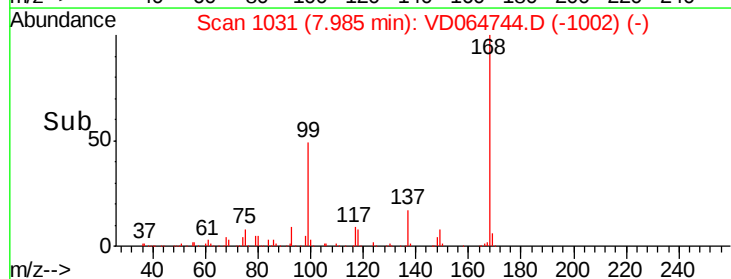
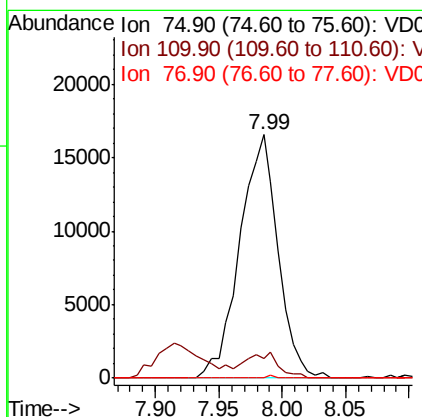
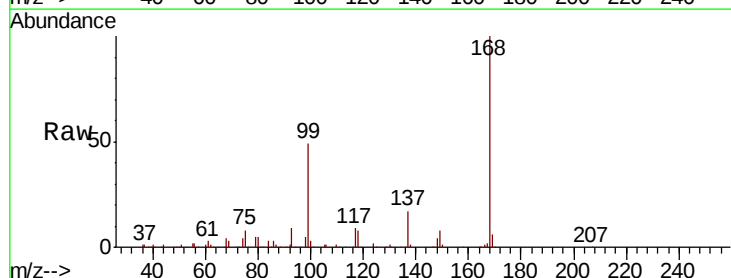
Instrument :
 MSVOA_D
 ClientSampled :

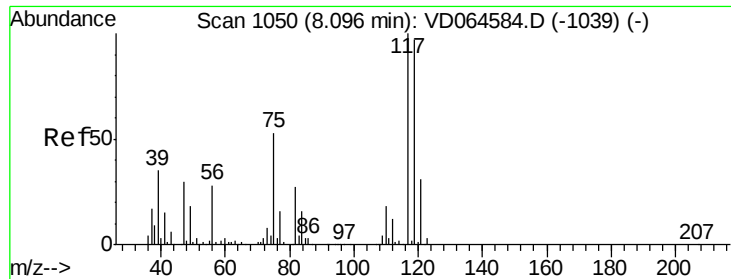
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.5	80.6	121.0
192	22.6	17.9	26.9



#36
 1,1-Dichloropropene
 Concen: 4.739 ug/l
 RT: 7.99 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD064744.D
 Acq: 03 Jan 2020 19:56

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.8	18.1	54.1#
77	0.2	24.2	36.4#

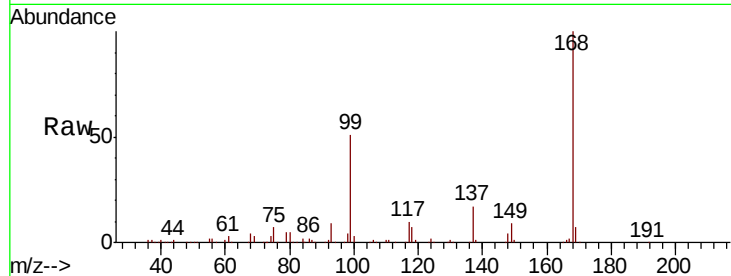




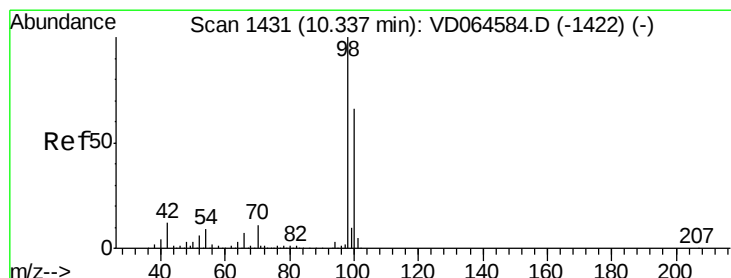
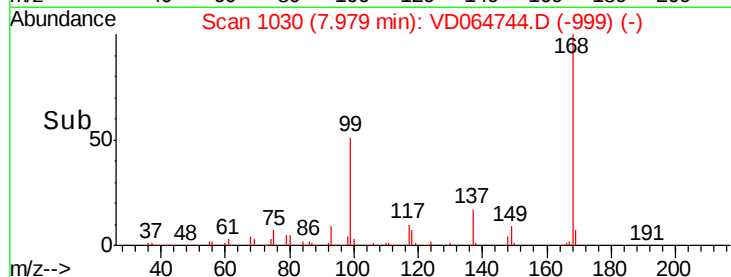
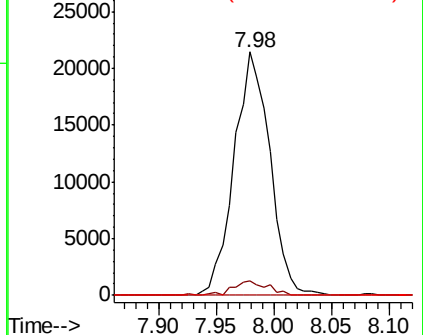
#38
Carbon Tetrachloride
Concen: 5.917 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.12 min
Lab File: VD064744.D
Acq: 03 Jan 2020 19:56

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 46185
Ion Ratio Lower Upper
117 100
119 6.1 77.3 115.9#
121 0.0 25.0 37.6#

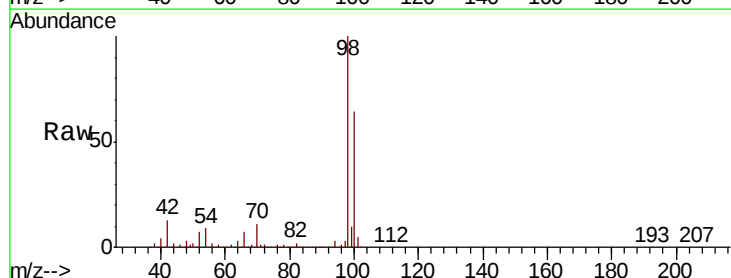


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

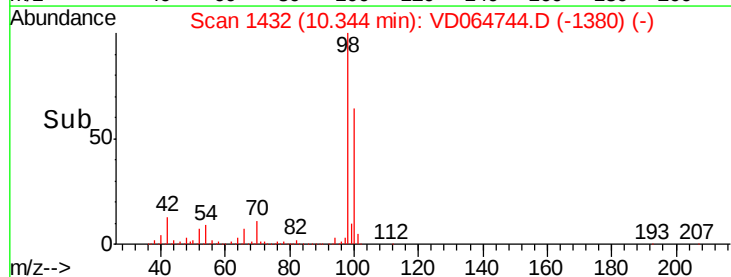
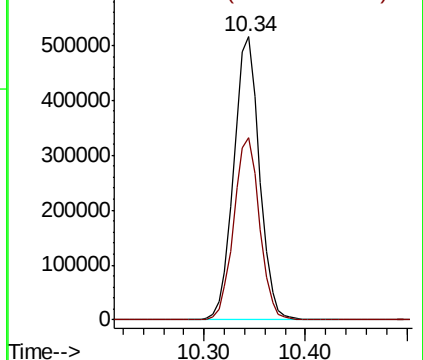


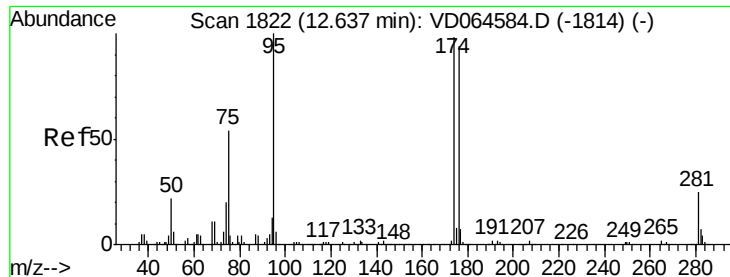
#50
Toluene-d8
Concen: 50.925 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD064744.D
Acq: 03 Jan 2020 19:56

Tgt Ion: 98 Resp: 910101
Ion Ratio Lower Upper
98 100
100 64.5 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): V
Ion 100.00 (99.70 to 100.70): V

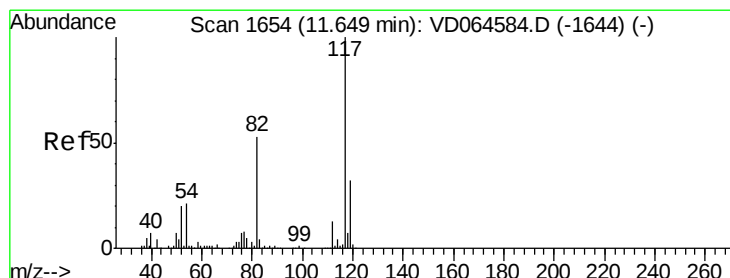
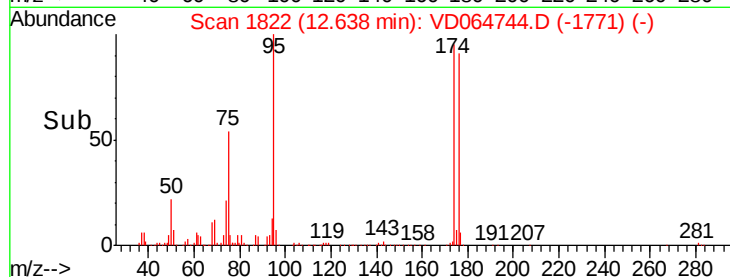
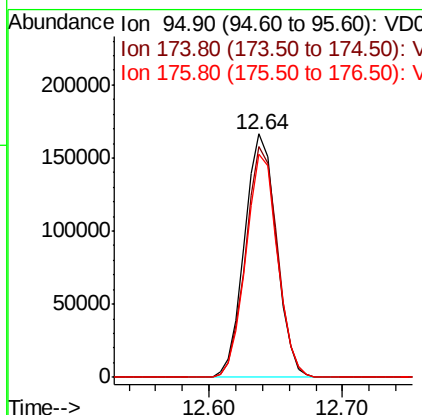
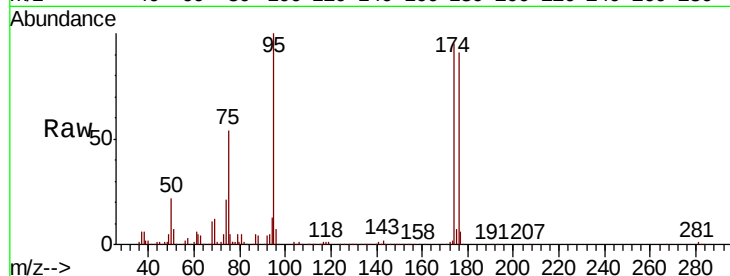




#62
4-Bromofluorobenzene
Concen: 48.541 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064744.D
Acq: 03 Jan 2020 19:56

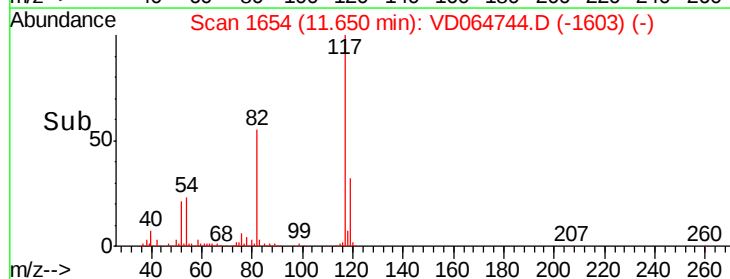
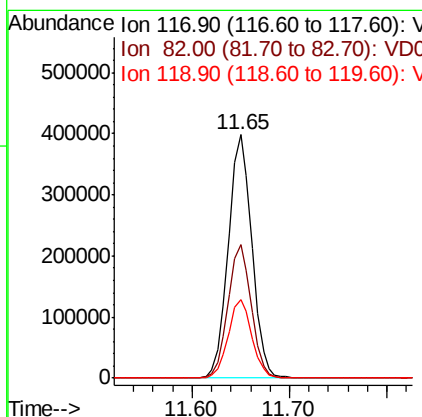
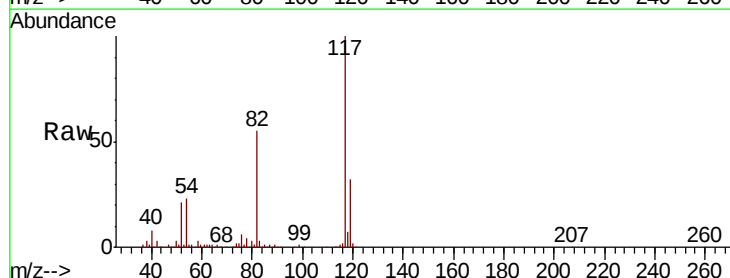
Instrument :
MSVOA_D
ClientSampleId :

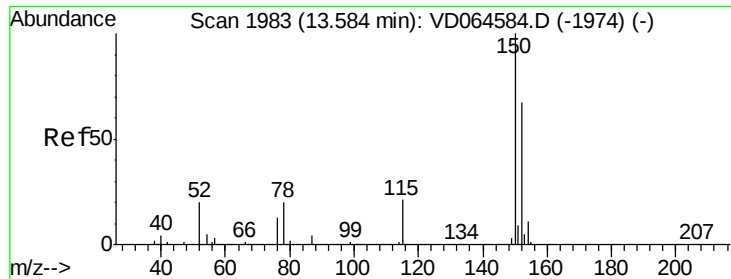
Tot Ion: 95 Resp: 274312
Ion Ratio Lower Upper
95 100
174 94.3 0.0 193.2
176 90.6 0.0 184.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064744.D
Acq: 03 Jan 2020 19:56

Tgt Ion: 117 Resp: 669217
Ion Ratio Lower Upper
117 100
82 54.8 42.2 63.4
119 32.0 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: VD064744.D

Acq: 03 Jan 2020 19:56

Instrument :

MSVOA_D

ClientSampleId :

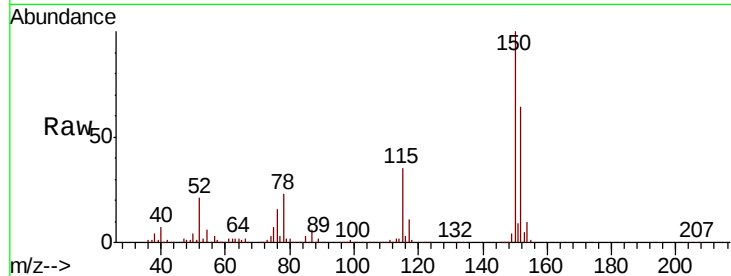
Tot Ion:152 Resp: 305281

Ion Ratio Lower Upper

152 100

115 55.7 27.8 83.4

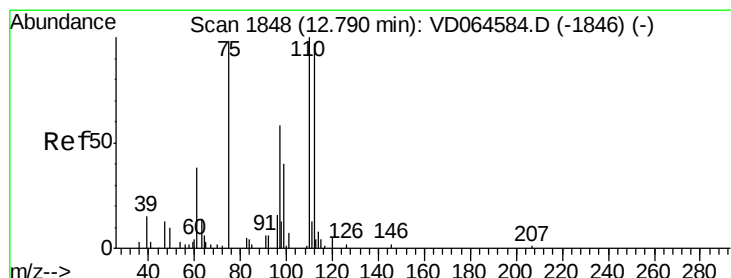
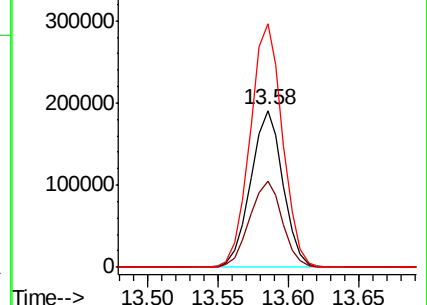
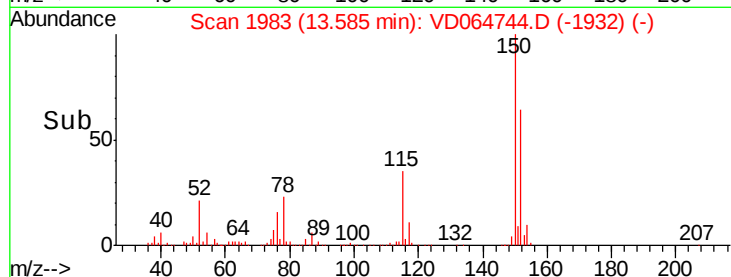
150 156.5 0.0 351.4



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



#76

1,2,3-Trichloropropane

Concen: 60.480 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064744.D

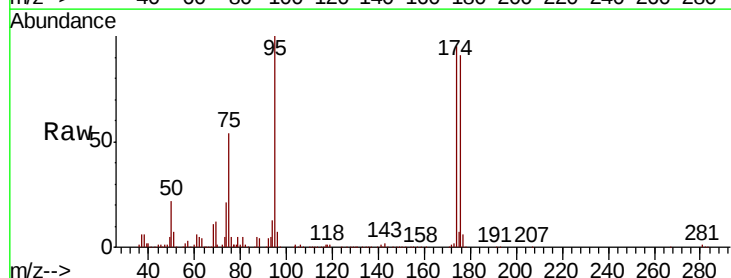
Acq: 03 Jan 2020 19:56

Tgt Ion: 75 Resp: 145799

Ion Ratio Lower Upper

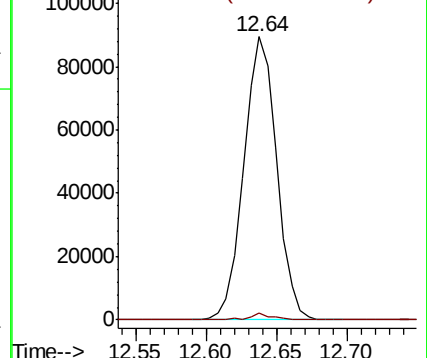
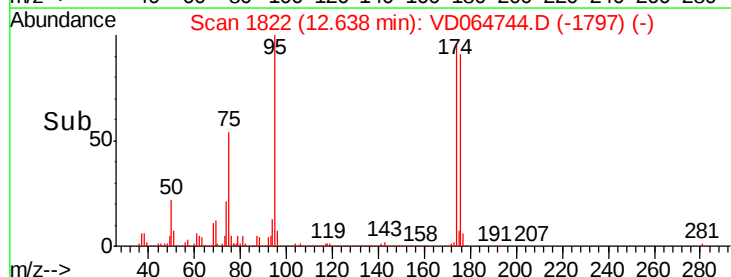
75 100

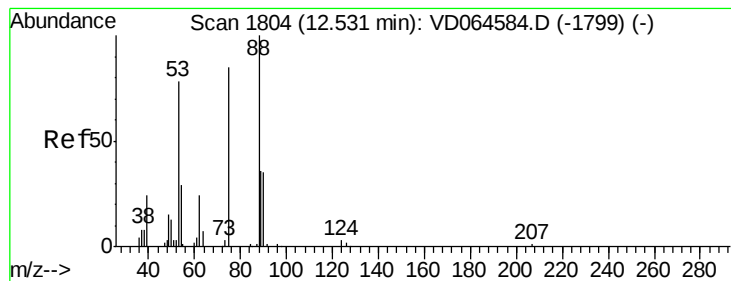
77 1.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 126.493 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064744.D

Acq: 03 Jan 2020 19:56

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 75 Resp: 145799

Ion Ratio Lower Upper

75 100

53 0.0 78.8 118.2#

89 0.0 38.3 57.5#

