

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120619\
 Data File : VD064450.D
 Acq On : 06 Dec 2019 10:57
 Operator : VA/SY
 Sample : VD1206SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 06 22:34:59 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

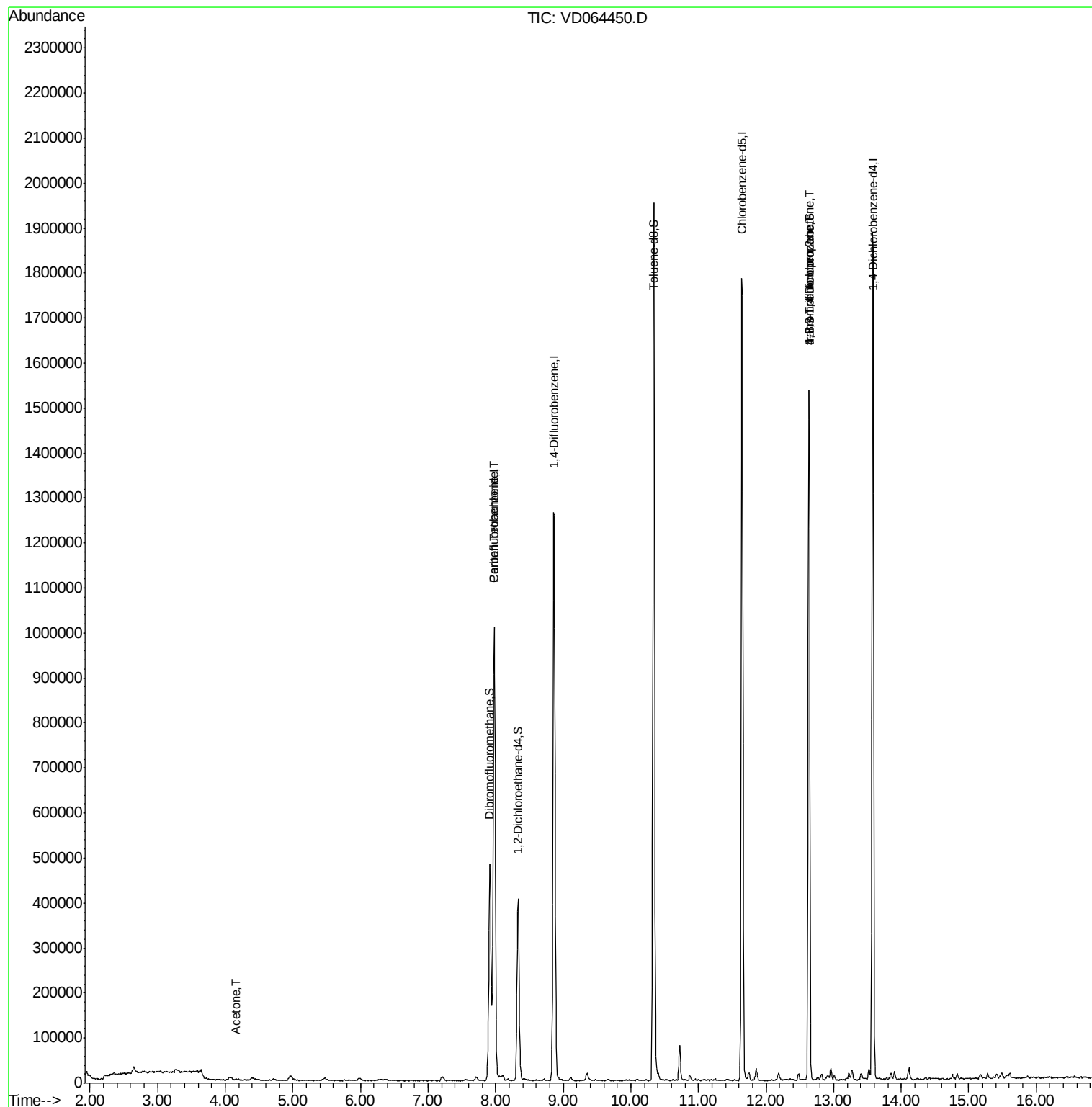
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	781006	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1135062	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	1046088	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	518770	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	319684	45.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.44%	
35) Dibromofluoromethane	7.91	113	331600	46.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.74%	
50) Toluene-d8	10.34	98	1328003	49.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.60%	
62) 4-Bromofluorobenzene	12.64	95	456023	52.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.34%	
Target Compounds						
					Qvalue	
16) Acetone	4.17	43	5336	3.735	ug/l #	74
20) Methylene Chloride	4.96	84	7238	Below Cal	#	86
31) Cyclohexane	7.98	56	19450	Below Cal	#	24
38) Carbon Tetrachloride	7.98	117	71082	6.273	ug/l #	14
76) 1,2,3-Trichloropropane	12.63	75	235277	55.149	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	235277	120.254	ug/l #	9
92) 1,2-Dibromo-3-Chloropropan	14.52	75	212	Below Cal	#	37

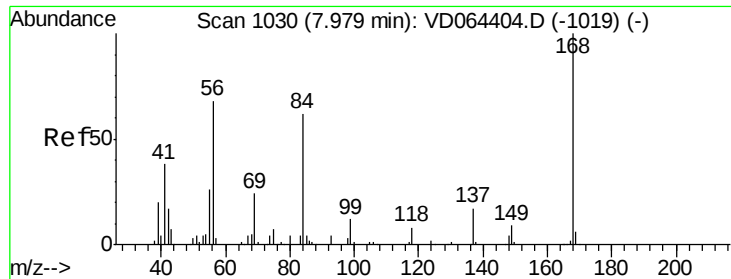
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD120619\
Data File : VD064450.D
Acq On : 06 Dec 2019 10:57
Operator : VA/SY
Sample : VD1206SBL01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Dec 06 22:34:59 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
Quant Title : SW846 8260
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: VD064450.D

Acq: 06 Dec 2019 10:57

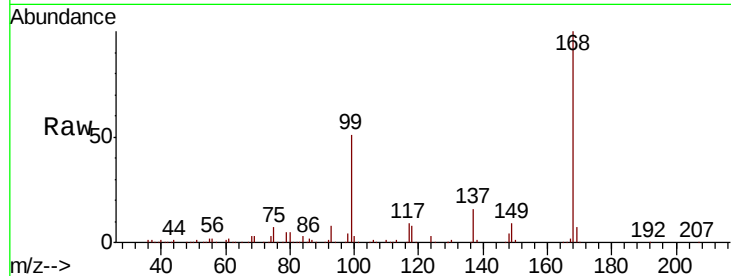
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 781006

Ion Ratio Lower Upper

168 100

99 51.3 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

400000

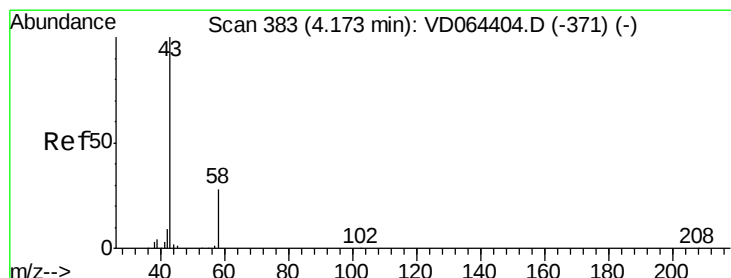
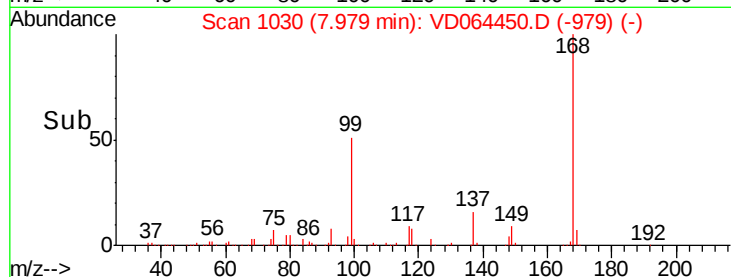
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 3.735 ug/l

RT: 4.17 min Scan# 382

Delta R.T. -0.01 min

Lab File: VD064450.D

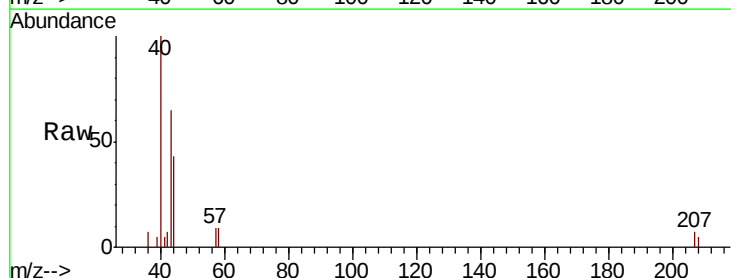
Acq: 06 Dec 2019 10:57

Tgt Ion: 43 Resp: 5336

Ion Ratio Lower Upper

43 100

58 14.3 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

2500

2000

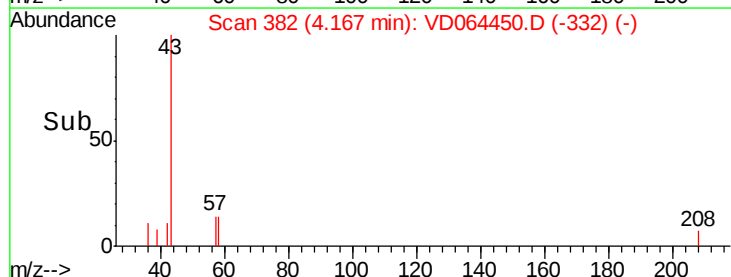
1500

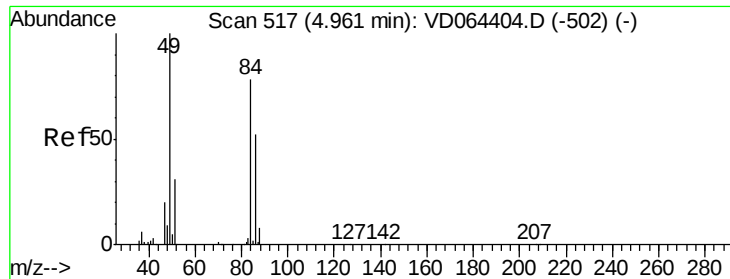
1000

500

0

Time-->



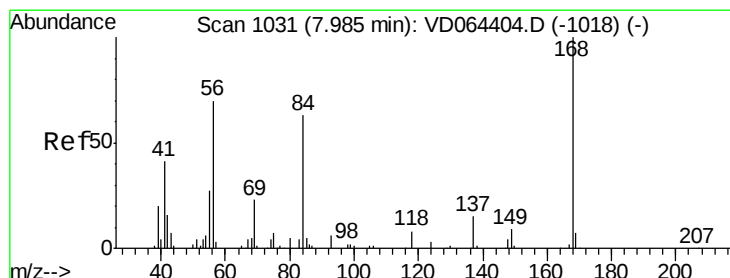
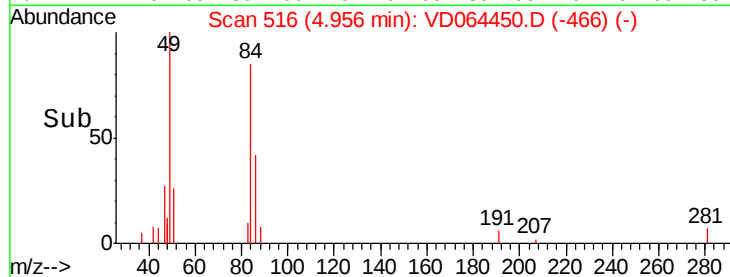
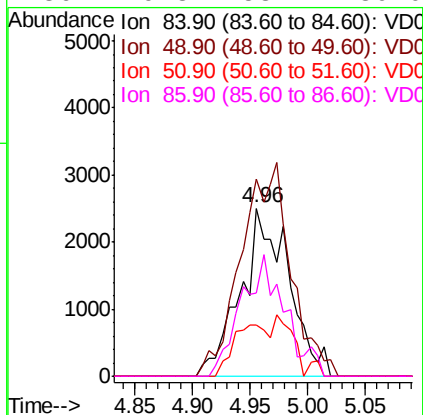
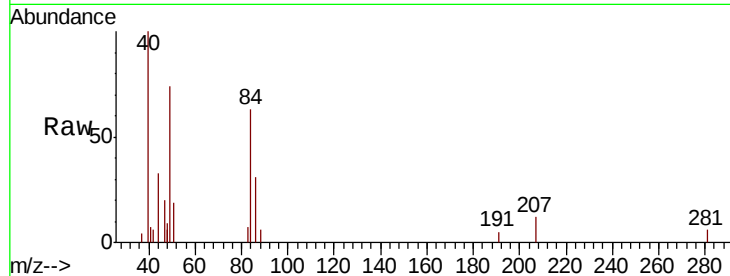


#20

Methylene Chloride
 Concen: Below Cal
 RT: 4.96 min Scan# 516
 Delta R.T. -0.01 min
 Lab File: VD064450.D
 Acq: 06 Dec 2019 10:57

Instrument :
 MSVOA_D
 ClientSampled :

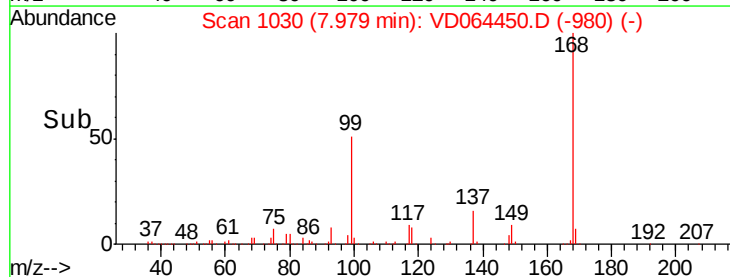
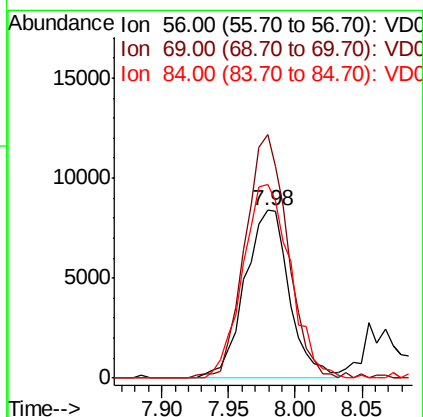
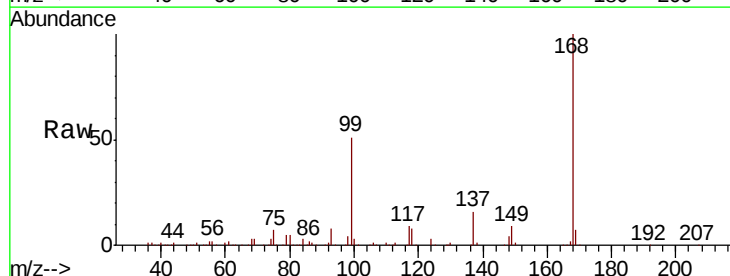
Tot Ion: 84 Resp: 7238
 Ion Ratio Lower Upper
 84 100
 49 117.1 102.6 153.8
 51 30.8 32.0 48.0#
 86 49.8 53.4 80.0#

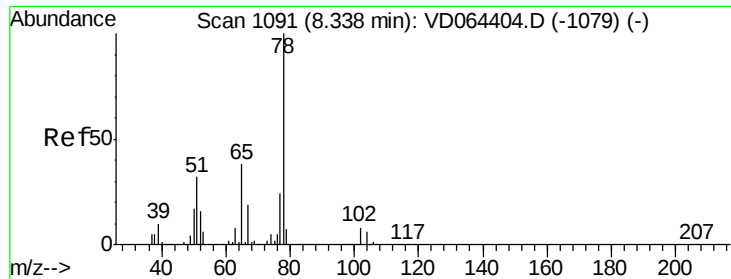


#31

Cyclohexane
 Concen: Below Cal
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VD064450.D
 Acq: 06 Dec 2019 10:57

Tgt Ion: 56 Resp: 19450
 Ion Ratio Lower Upper
 56 100
 69 145.2 26.2 39.4#
 84 115.8 70.3 105.5#

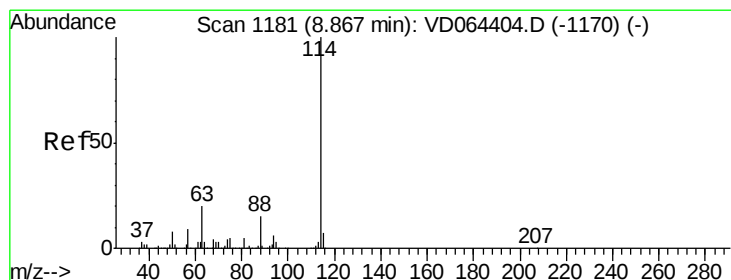
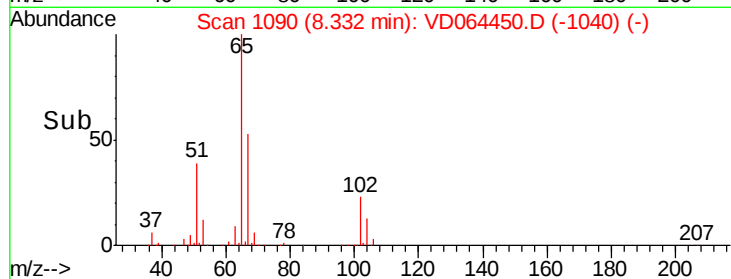
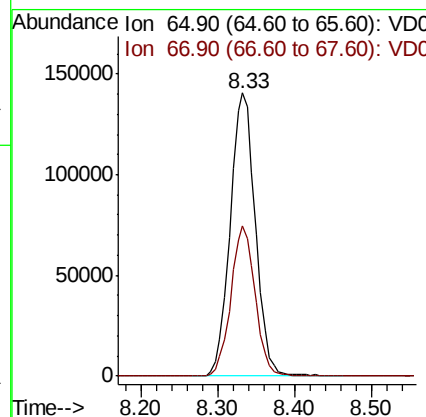
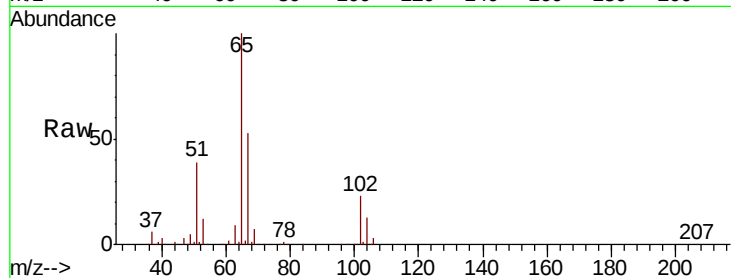




#33
 1,2-Dichloroethane-d4
 Concen: 45.222 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: VD064450.D
 Acq: 06 Dec 2019 10:57

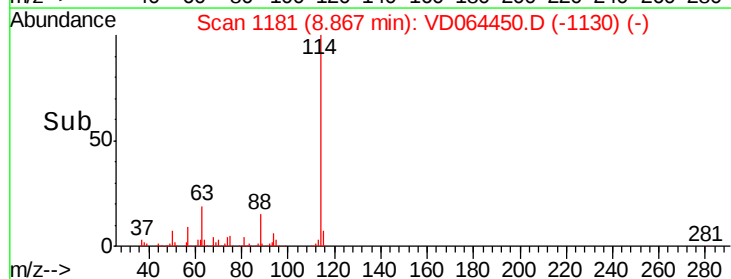
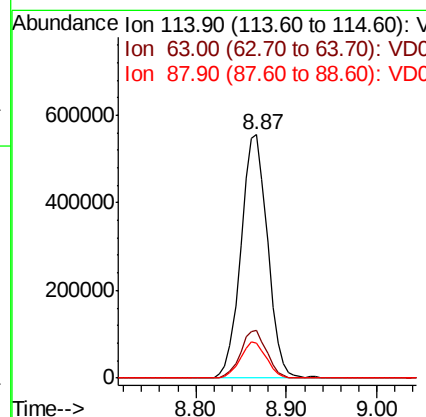
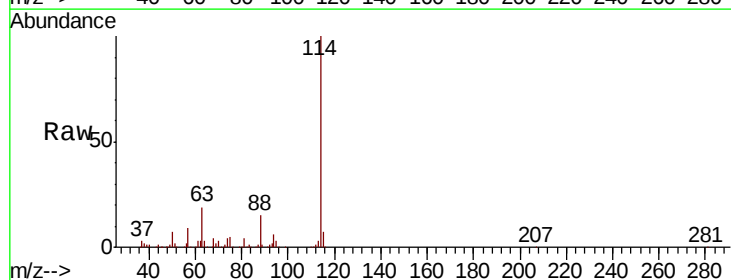
Instrument :
 MSVOA_D
 ClientSampleId :

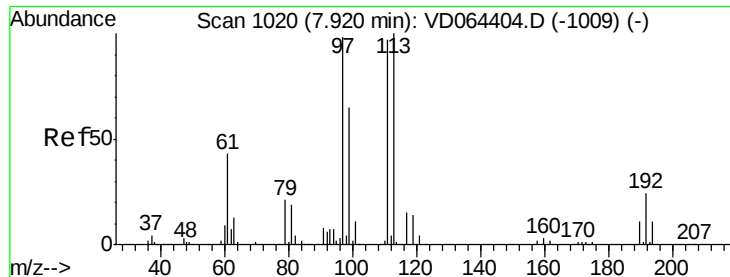
Tot Ion: 65 Resp: 319684
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064450.D
 Acq: 06 Dec 2019 10:57

Tgt Ion: 114 Resp: 1135062
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 40.0
 88 14.6 0.0 29.2

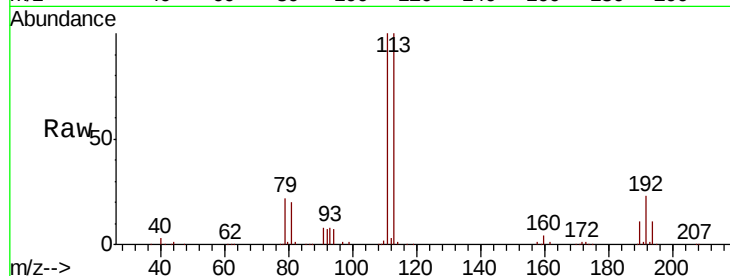




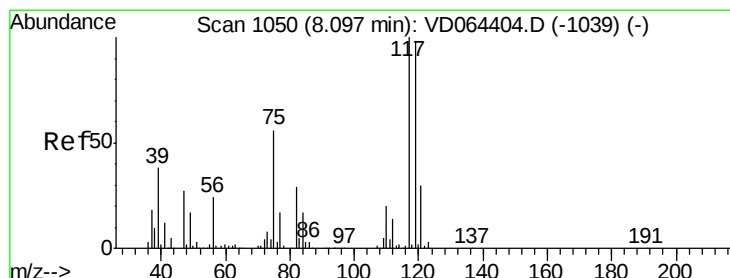
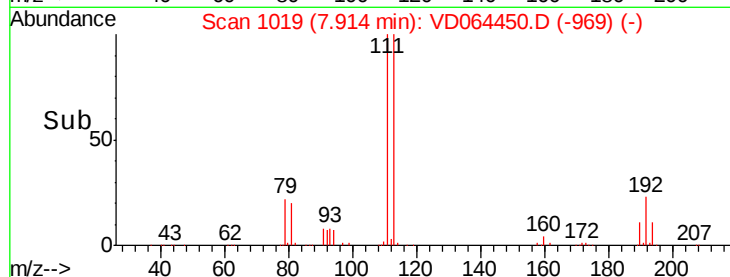
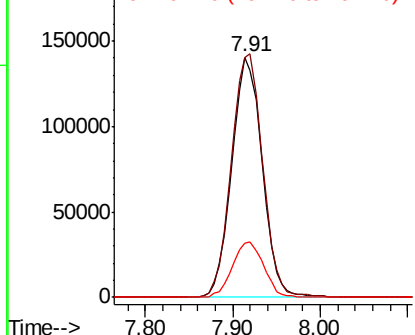
#35
 Dibromofluoromethane
 Concen: 46.368 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD064450.D
 Acq: 06 Dec 2019 10:57

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:113 Resp: 331600
 Ion Ratio Lower Upper
 113 100
 111 103.9 79.4 119.2
 192 23.5 18.6 28.0

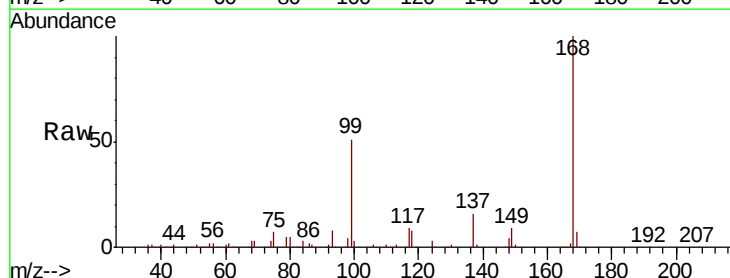


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

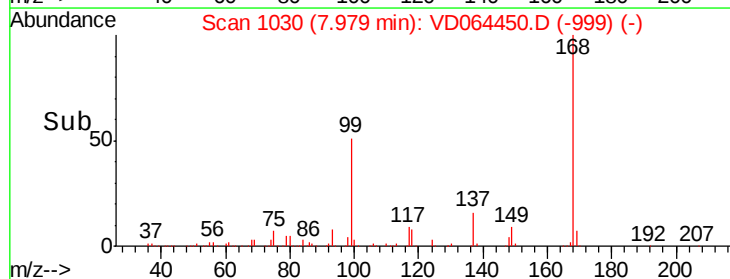
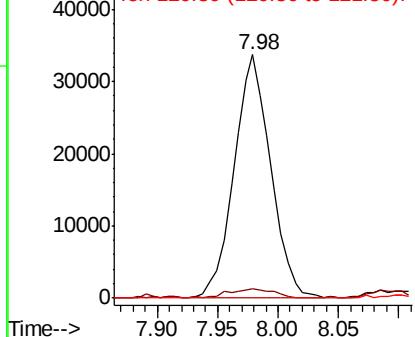


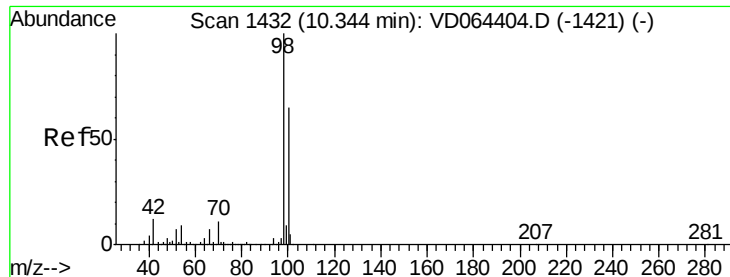
#38
 Carbon Tetrachloride
 Concen: 6.273 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.12 min
 Lab File: VD064450.D
 Acq: 06 Dec 2019 10:57

Tgt Ion:117 Resp: 71082
 Ion Ratio Lower Upper
 117 100
 119 4.0 78.8 118.2#
 121 0.0 24.2 36.2#



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

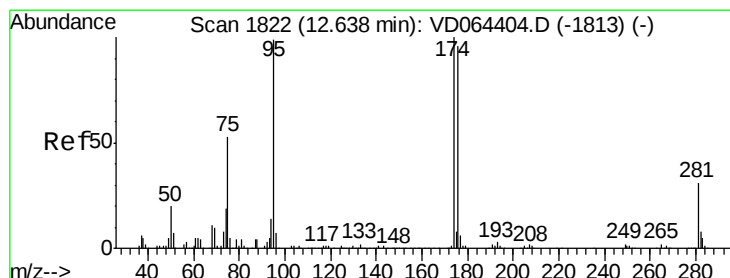
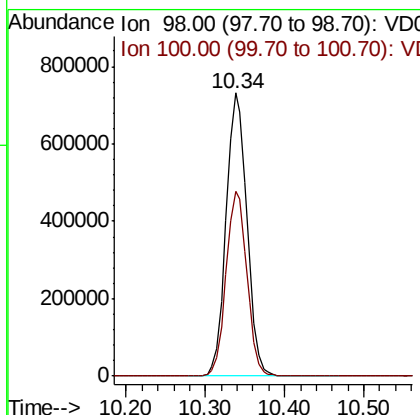
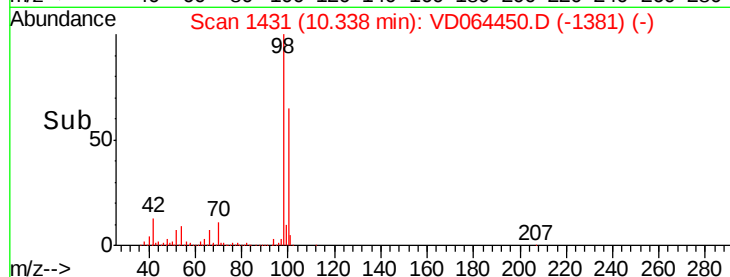
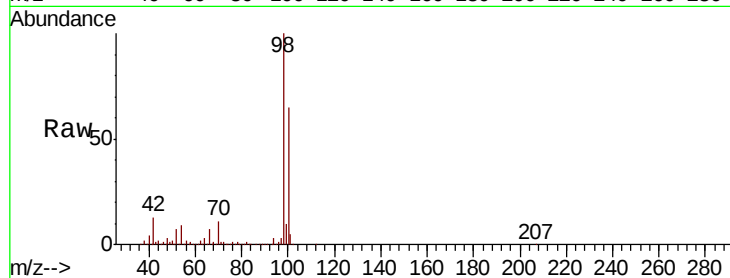




#50
Toluene-d8
Concen: 49.297 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.01 min
Lab File: VD064450.D
Acq: 06 Dec 2019 10:57

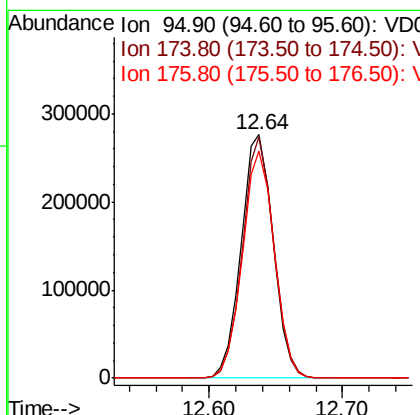
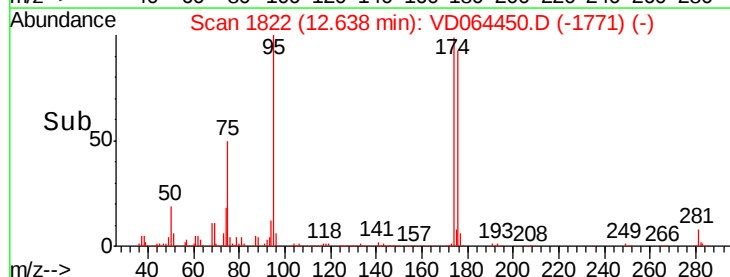
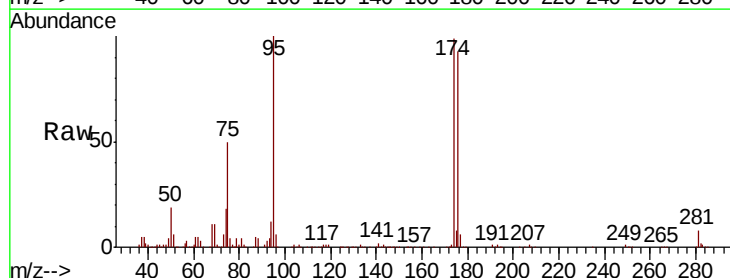
Instrument :
MSVOA_D
ClientSampled :

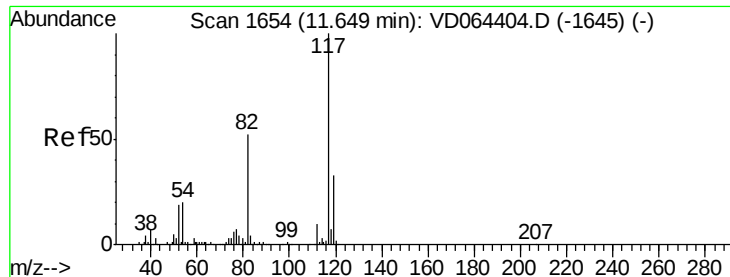
Tot Ion: 98 Resp: 1328003
Ion Ratio Lower Upper
98 100
100 65.1 52.6 79.0



#62
4-Bromofluorobenzene
Concen: 52.675 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064450.D
Acq: 06 Dec 2019 10:57

Tgt Ion: 95 Resp: 456023
Ion Ratio Lower Upper
95 100
174 96.0 0.0 197.2
176 92.9 0.0 189.6

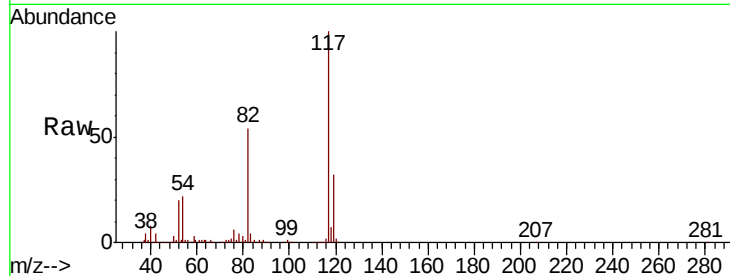




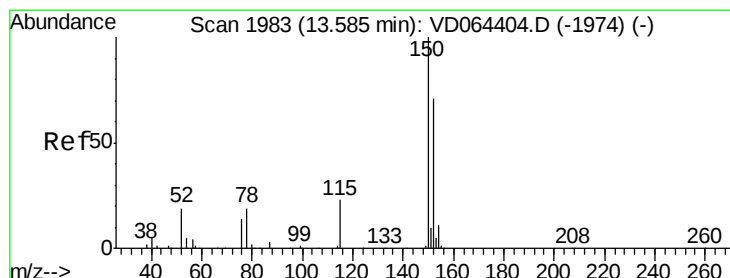
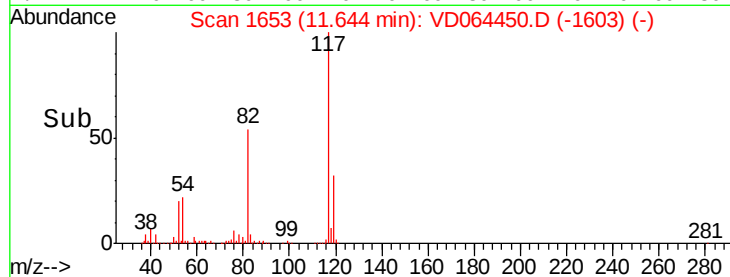
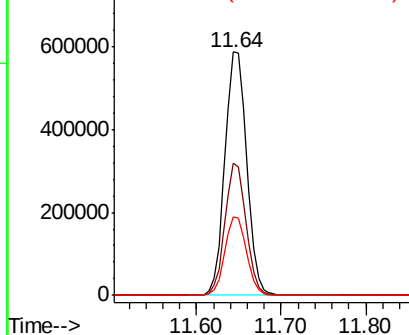
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.01 min
Lab File: VD064450.D
Acq: 06 Dec 2019 10:57

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 1046088
Ion Ratio Lower Upper
117 100
82 54.1 41.4 62.2
119 32.2 26.2 39.2

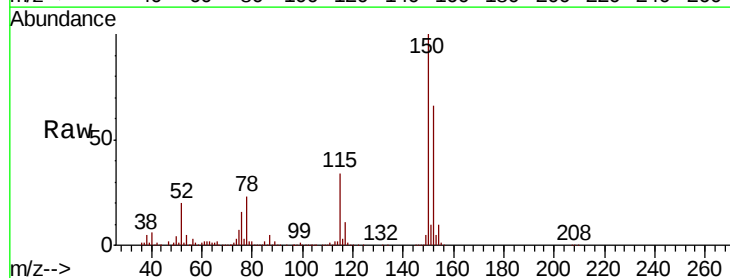


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

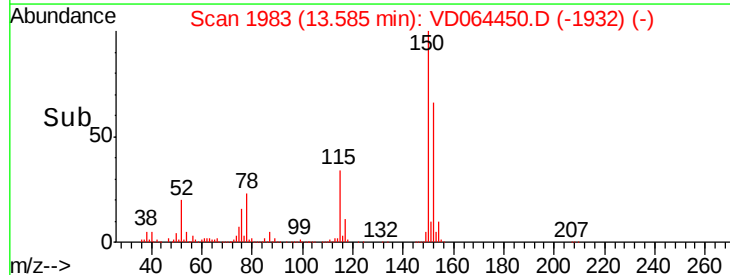
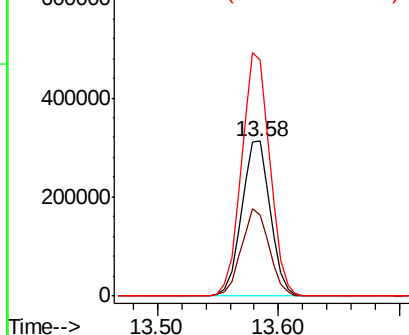


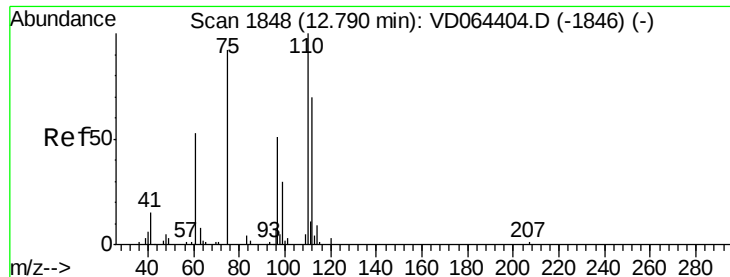
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064450.D
Acq: 06 Dec 2019 10:57

Tgt Ion:152 Resp: 518770
Ion Ratio Lower Upper
152 100
115 54.8 26.7 80.1
150 154.9 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





#76

1,2,3-Trichloropropane

Concen: 55.149 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.16 min

Lab File: VD064450.D

Acq: 06 Dec 2019 10:57

Instrument :

MSVOA_D

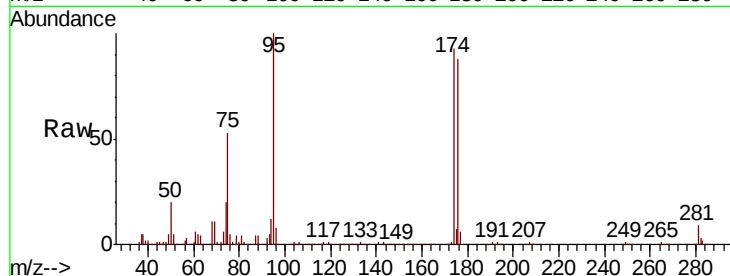
ClientSampleId :

Tot Ion: 75 Resp: 235277

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC

12.63

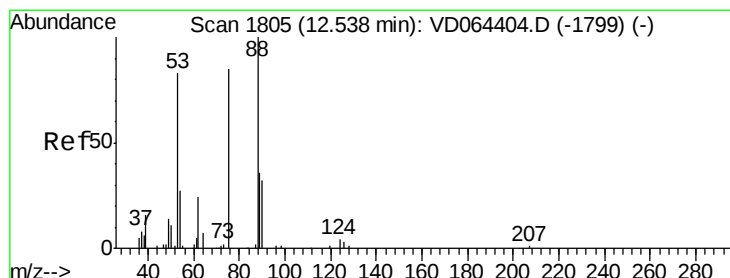
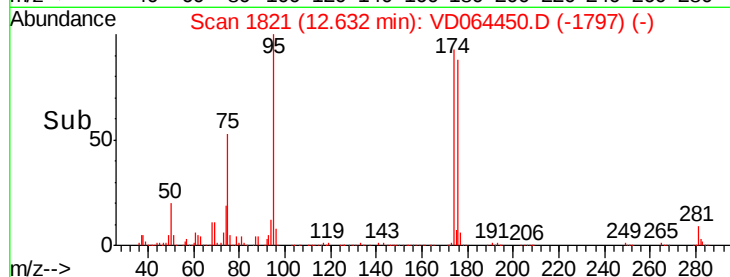
150000

100000

50000

0

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 120.254 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.09 min

Lab File: VD064450.D

Acq: 06 Dec 2019 10:57

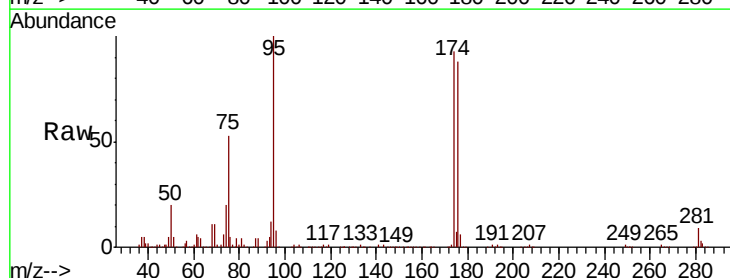
Tgt Ion: 75 Resp: 235277

Ion Ratio Lower Upper

75 100

53 0.0 81.0 121.6#

89 0.0 38.5 57.7#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC

12.63

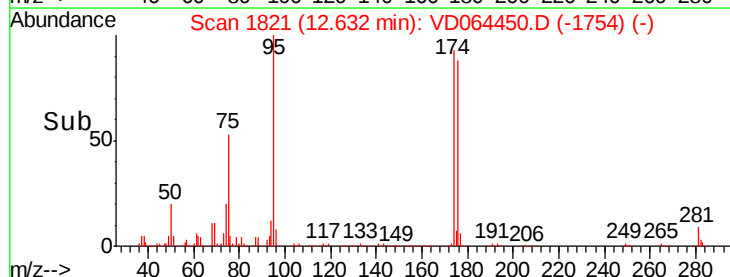
150000

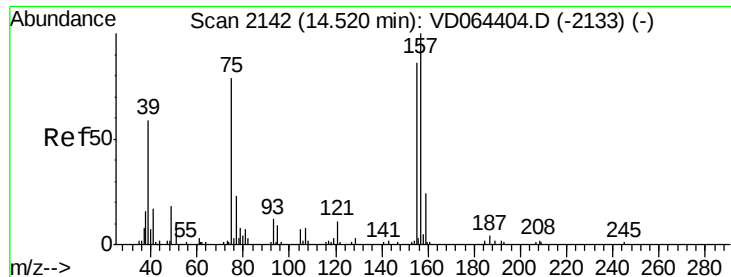
100000

50000

0

Time-->





#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.52 min Scan# 2142

Delta R.T. 0.00 min

Lab File: VD064450.D

Acq: 06 Dec 2019 10:57

Instrument :

MSVOA_D

ClientSampleId :

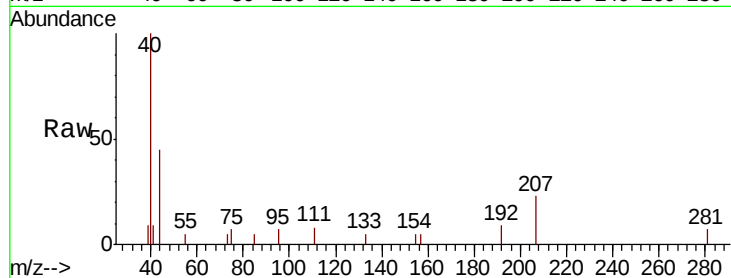
Tot Ion: 75 Resp: 212

Ion Ratio Lower Upper

75 100

155 60.4 51.9 155.7

157 34.0 63.2 189.8#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

