

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD103119\
 Data File : VD064133.D
 Acq On : 31 Oct 2019 15:25
 Operator : VA/SY
 Sample : K5620-03
 Misc : 5.74G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 01 06:05:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D102919S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 08:00:10 2019
 Response via : Initial Calibration

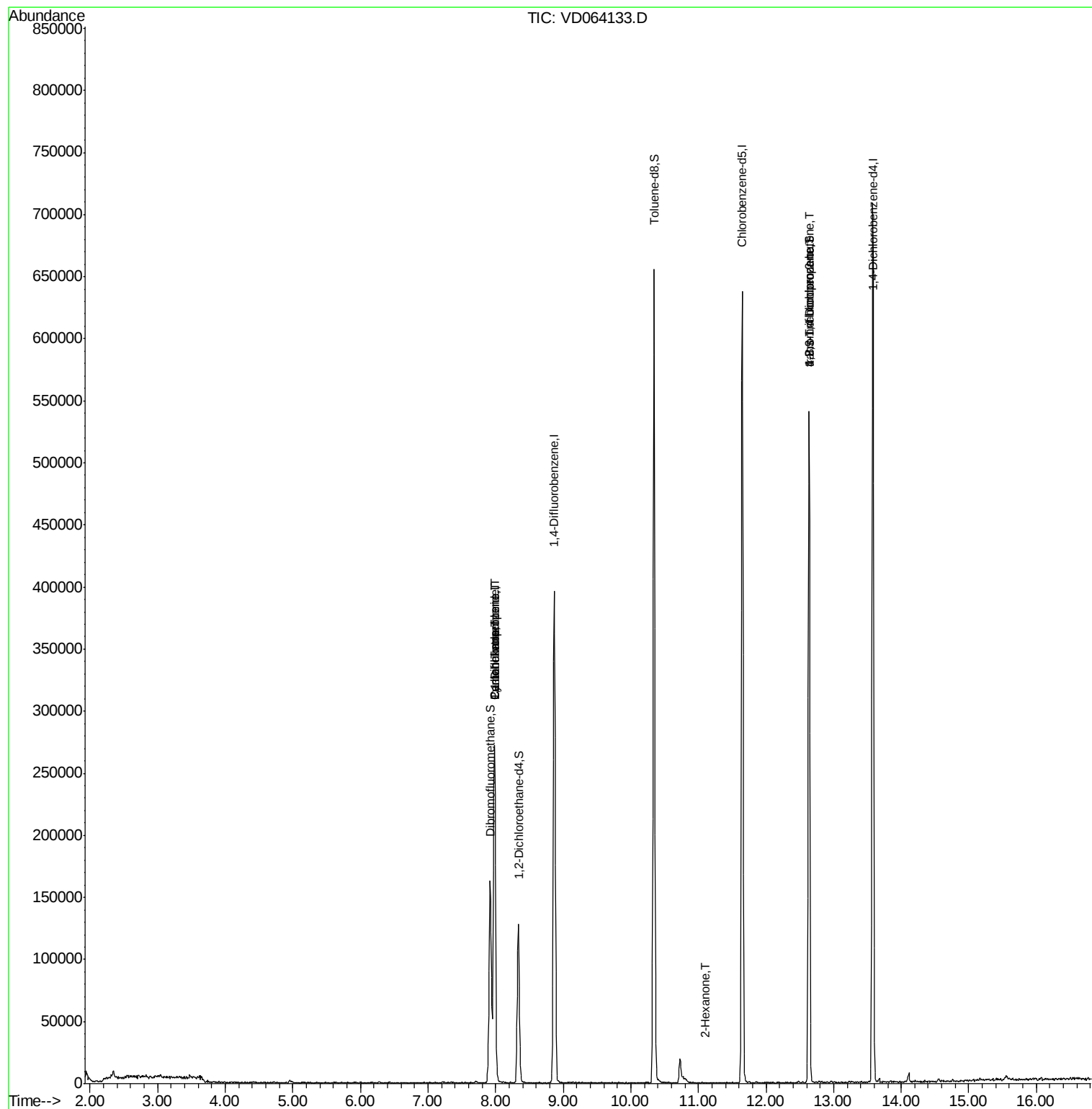
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	222193	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	359243	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	385828	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	201097	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	99659	56.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.80%	
35) Dibromofluoromethane	7.92	113	113632	51.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.82%	
50) Toluene-d8	10.34	98	455795	51.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.14%	
62) 4-Bromofluorobenzene	12.64	95	155984	53.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.46%	
Target Compounds				Qvalue		
20) Methylene Chloride	4.96	84	1596	Below Cal	#	59
31) Cyclohexane	7.98	56	4326	1.316	ug/l #	53
36) 1,1-Dichloropropene	7.98	75	14383	4.273	ug/l #	51
38) Carbon Tetrachloride	7.98	117	21754	5.923	ug/l #	18
59) 2-Hexanone	11.09	43	64	9.083	ug/l #	22
76) 1,2,3-Trichloropropane	12.64	75	80556	59.616	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	80556	121.750	ug/l #	15

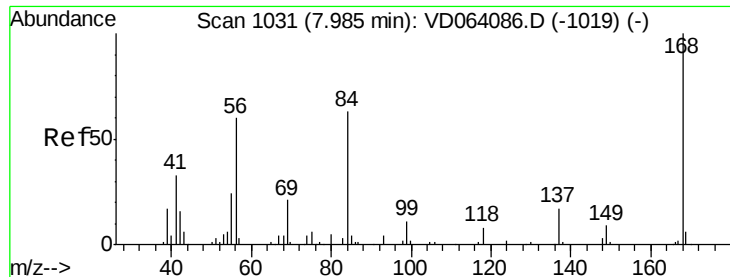
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D102919S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 30 08:00:10 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: VD064133.D

Acq: 31 Oct 2019 15:25

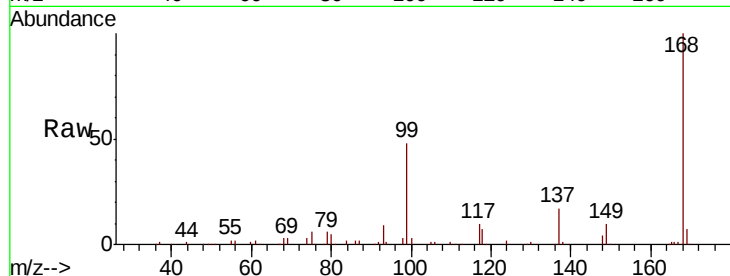
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 222193

Ion Ratio Lower Upper

168 100

99 48.4 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

100000

80000

60000

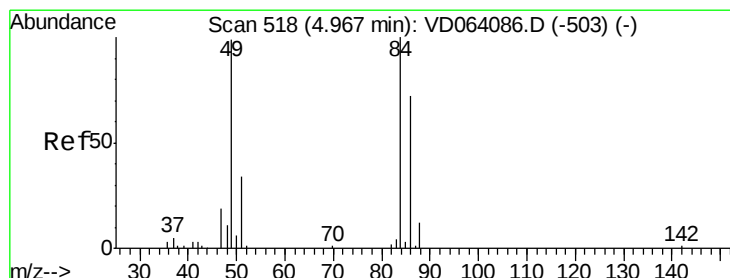
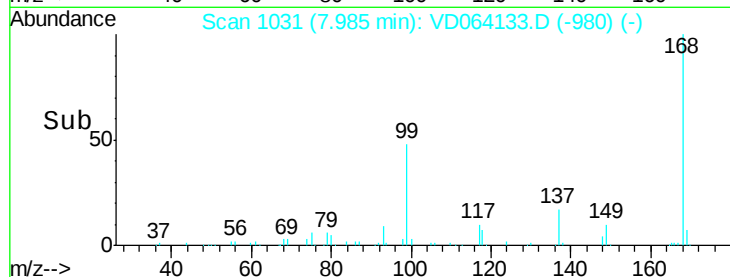
40000

20000

0

Time-->

7.90 7.95 8.00 8.05



#20

Methylene Chloride

Concen: Below Cal

RT: 4.96 min Scan# 516

Delta R.T. -0.01 min

Lab File: VD064133.D

Acq: 31 Oct 2019 15:25

Tgt Ion: 84 Resp: 1596

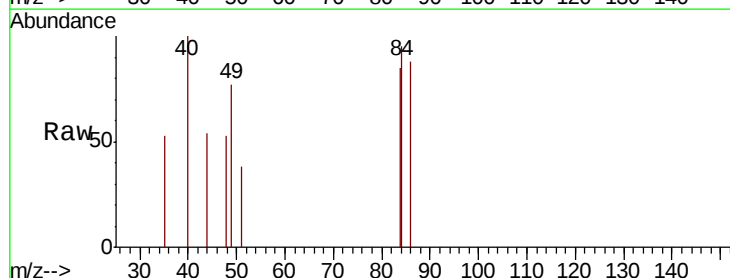
Ion Ratio Lower Upper

84 100

49 42.7 79.4 119.0#

51 20.8 27.4 41.2#

86 48.7 57.4 86.0#



Abundance Ion 83.90 (83.60 to 84.60): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

4.96

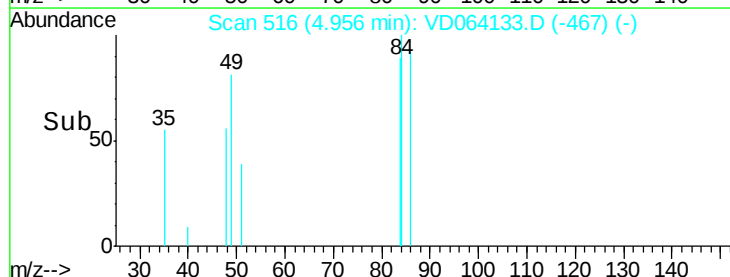
1000

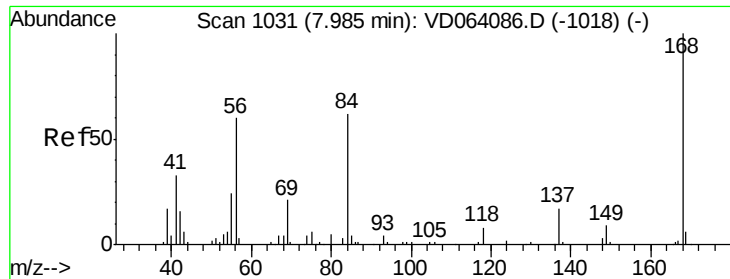
500

0

Time-->

4.90 4.95 5.00

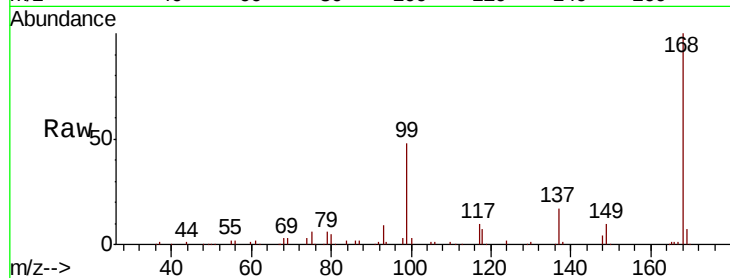




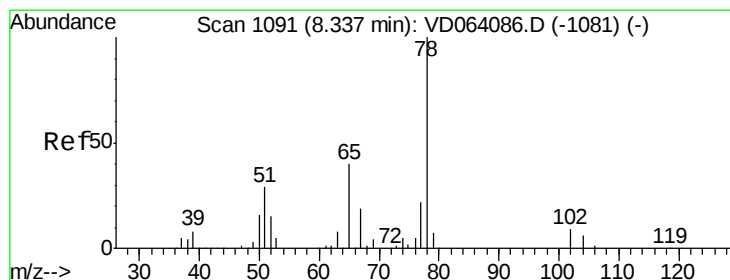
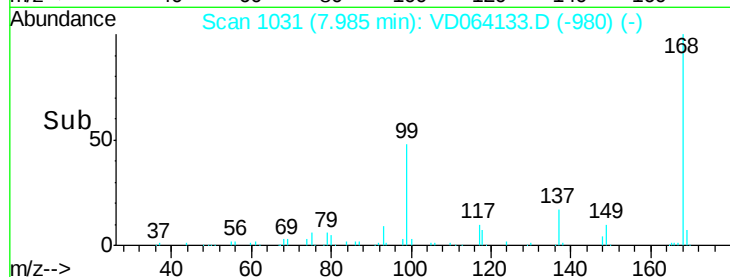
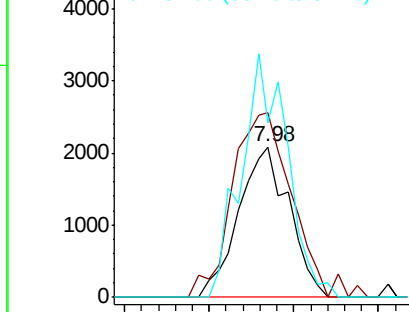
#31
Cyclohexane
Concen: 1.316 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD064133.D
Acq: 31 Oct 2019 15:25

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 56 Resp: 4326
Ion Ratio Lower Upper
56 100
69 123.0 27.7 41.5#
84 116.1 83.1 124.7

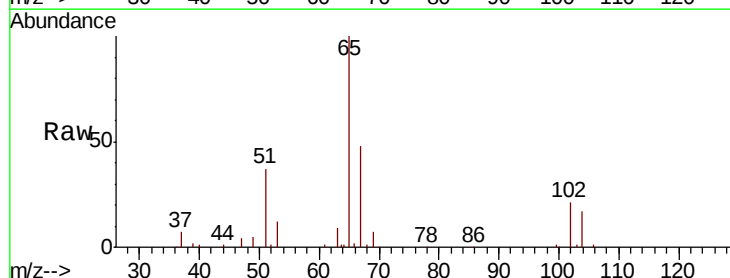


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

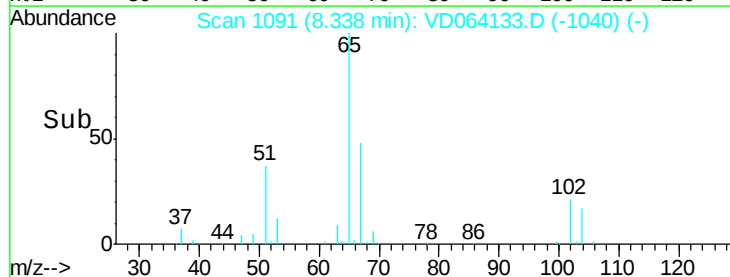
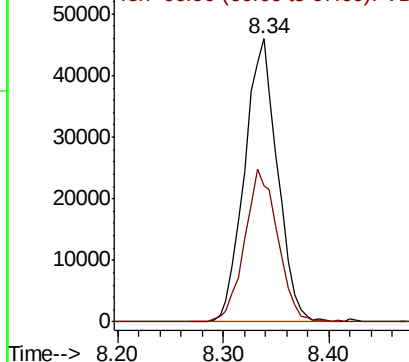


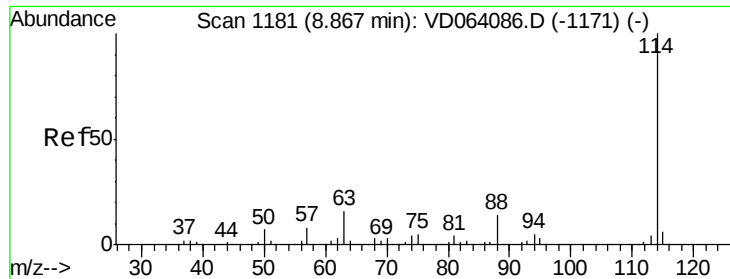
#33
1,2-Dichloroethane-d4
Concen: 56.396 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.00 min
Lab File: VD064133.D
Acq: 31 Oct 2019 15:25

Tgt Ion: 65 Resp: 99659
Ion Ratio Lower Upper
65 100
67 54.1 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VDC
Ion 66.90 (66.60 to 67.60): VDC

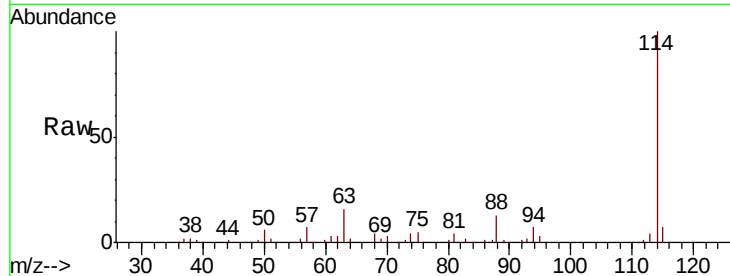




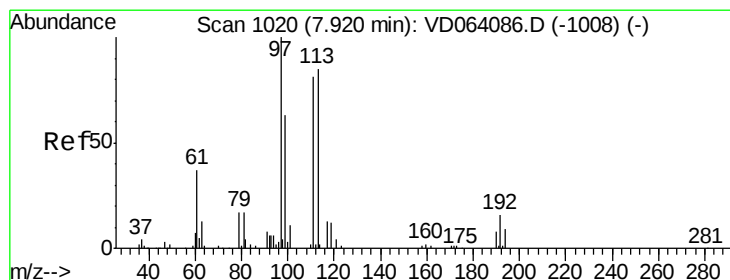
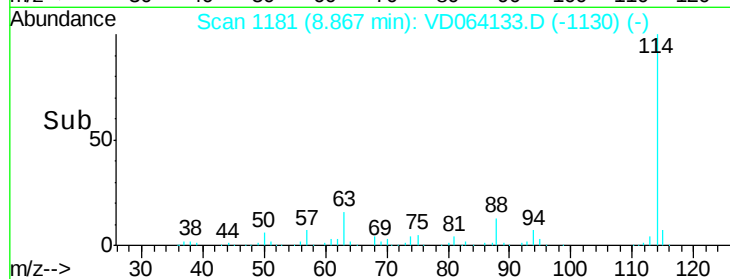
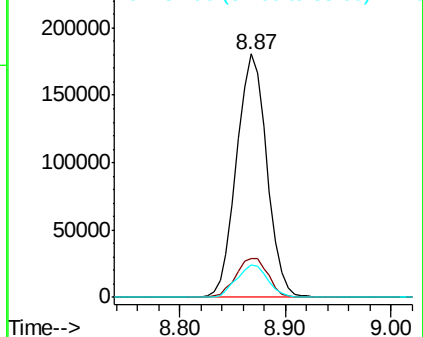
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064133.D
 Acq: 31 Oct 2019 15:25

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:114 Resp: 359243
 Ion Ratio Lower Upper
 114 100
 63 15.7 0.0 32.8
 88 13.1 0.0 27.6

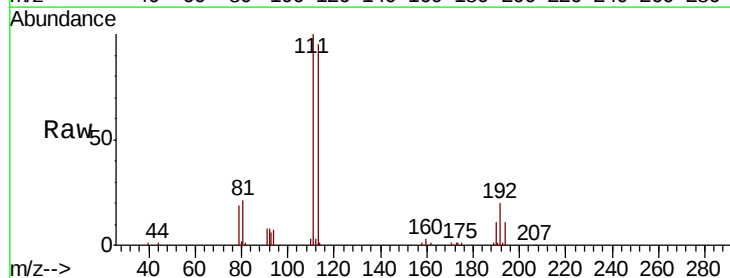


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

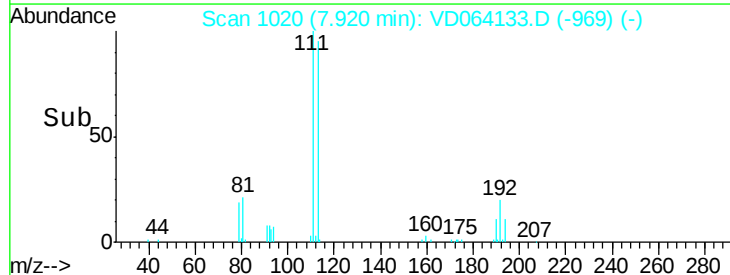
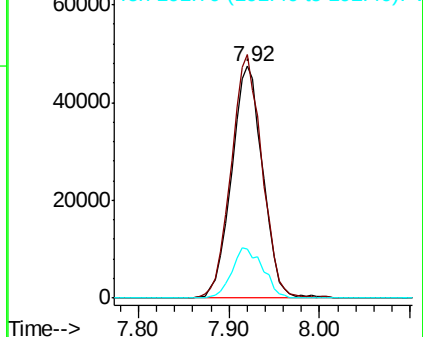


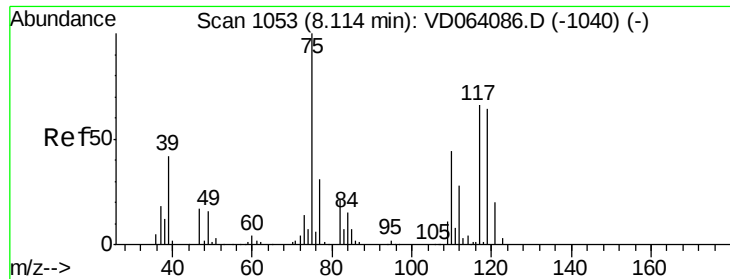
#35
 Dibromofluoromethane
 Concen: 51.413 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064133.D
 Acq: 31 Oct 2019 15:25

Tgt Ion:113 Resp: 113632
 Ion Ratio Lower Upper
 113 100
 111 103.6 79.3 118.9
 192 21.7 16.2 24.2



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

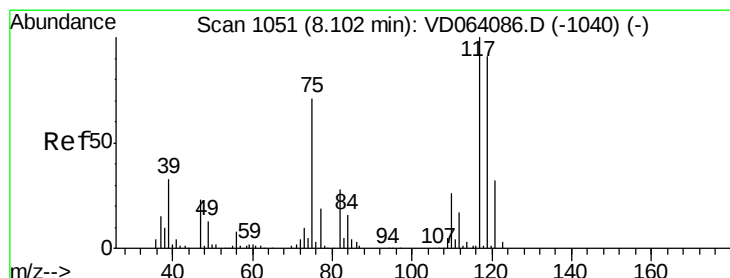
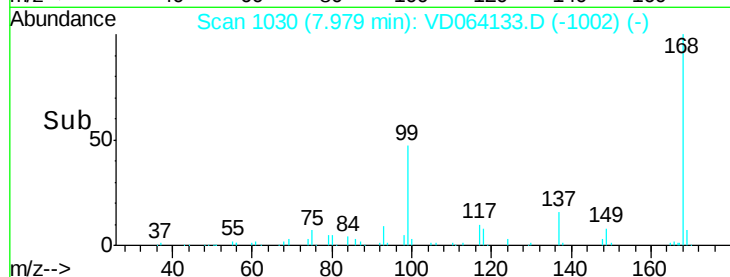
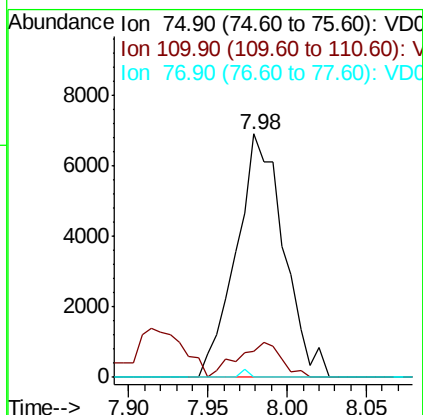
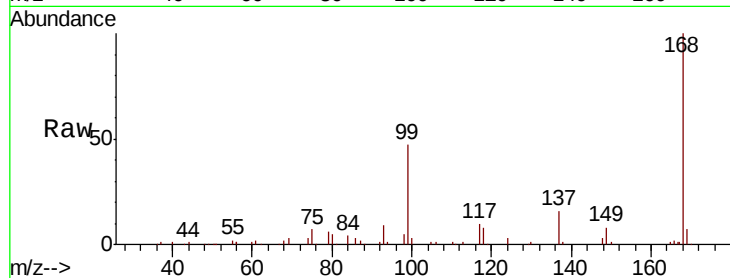




#36
 1,1-Dichloropropene
 Concen: 4.273 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.13 min
 Lab File: VD064133.D
 Acq: 31 Oct 2019 15:25

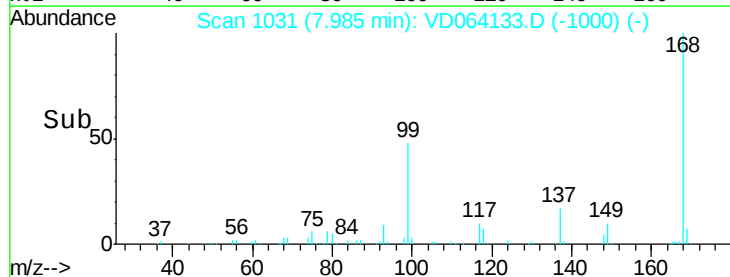
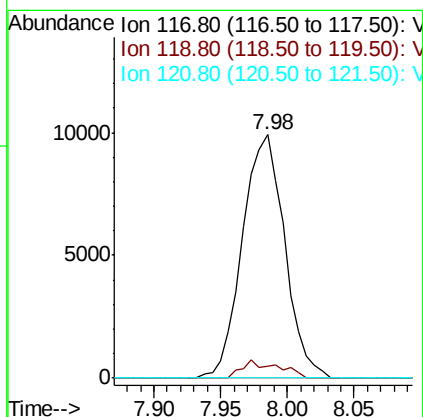
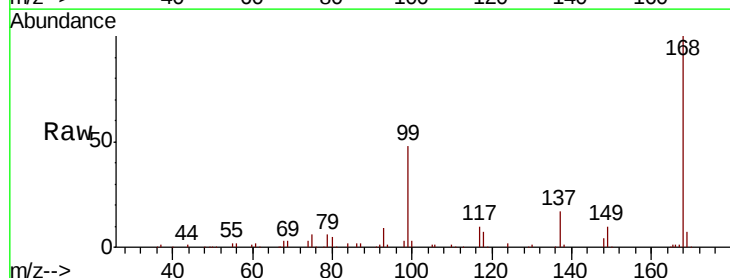
Instrument :
 MSVOA_D
 ClientSampleId :

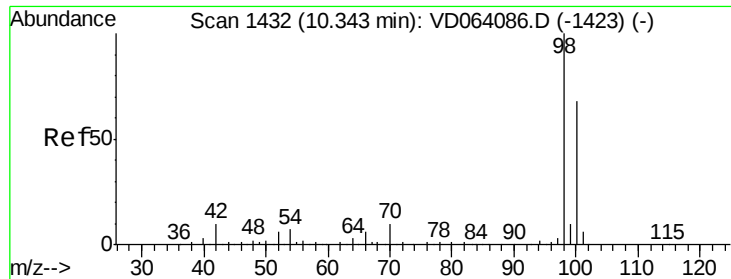
Tot Ion: 75 Resp: 14383
 Ion Ratio Lower Upper
 75 100
 110 13.1 20.0 59.9#
 77 0.6 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 5.923 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.12 min
 Lab File: VD064133.D
 Acq: 31 Oct 2019 15:25

Tgt Ion: 117 Resp: 21754
 Ion Ratio Lower Upper
 117 100
 119 4.8 72.6 108.8#
 121 0.0 25.8 38.6#

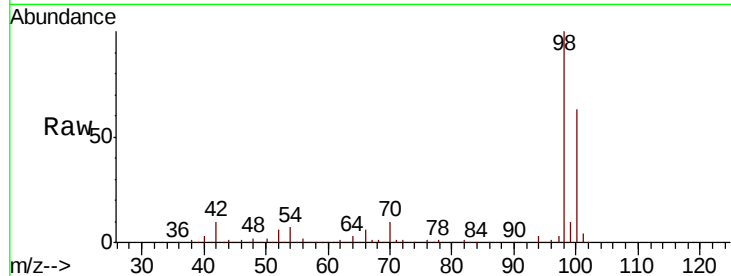




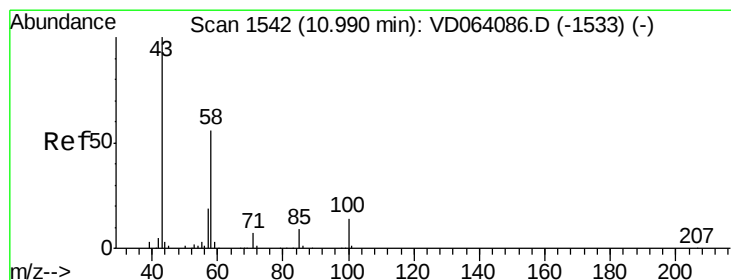
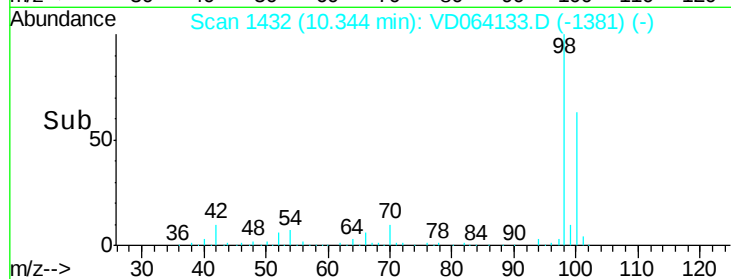
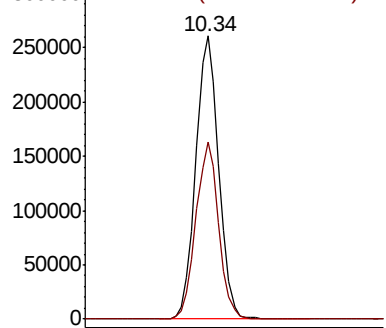
#50
Toluene-d8
Concen: 51.567 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD064133.D
Acq: 31 Oct 2019 15:25

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 98 Resp: 455795
Ion Ratio Lower Upper
98 100
100 62.3 53.4 80.0

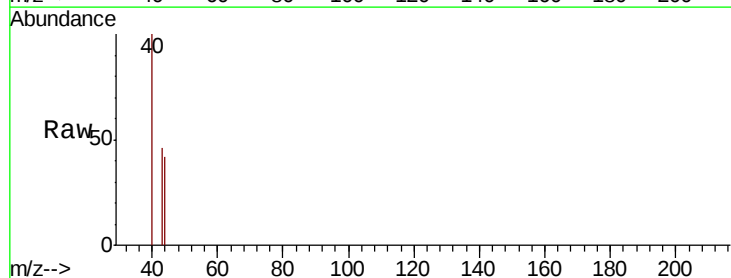


Abundance Ion 98.00 (97.70 to 98.70): VDC
Ion 100.00 (99.70 to 100.70): VDC

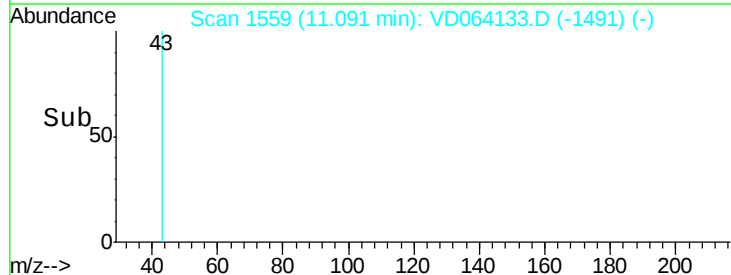
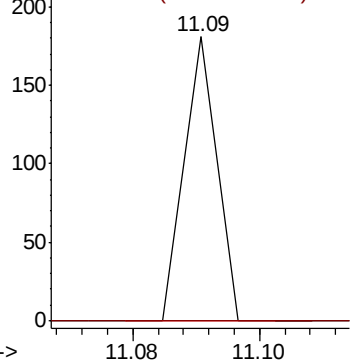


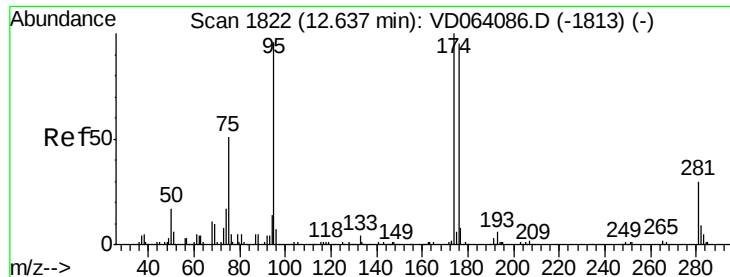
#59
2-Hexanone
Concen: 9.083 ug/l
RT: 11.09 min Scan# 1559
Delta R.T. 0.10 min
Lab File: VD064133.D
Acq: 31 Oct 2019 15:25

Tgt Ion: 43 Resp: 64
Ion Ratio Lower Upper
43 100
58 0.0 29.2 87.6#



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

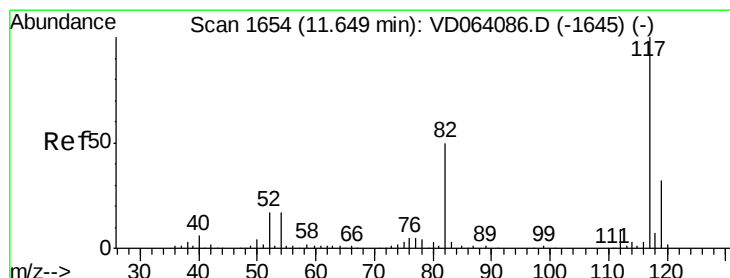
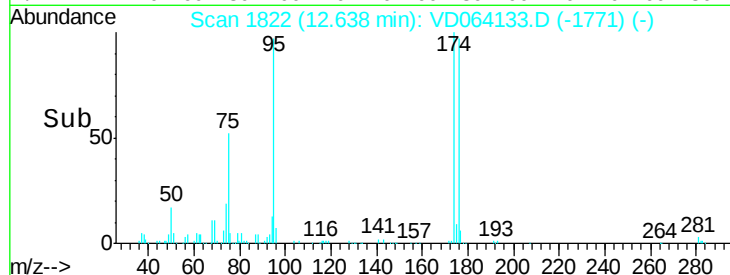
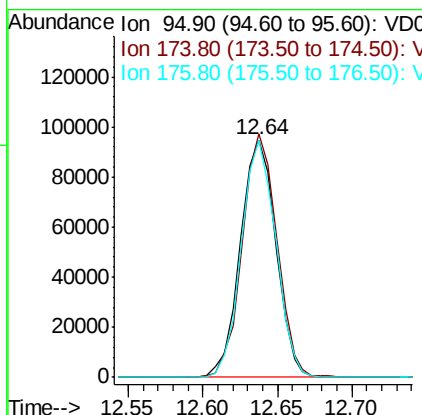
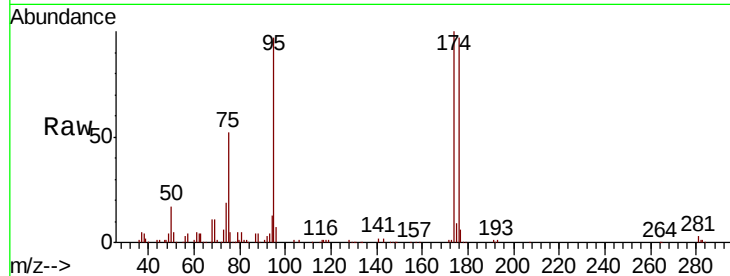




#62
4-Bromofluorobenzene
Concen: 53.231 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064133.D
Acq: 31 Oct 2019 15:25

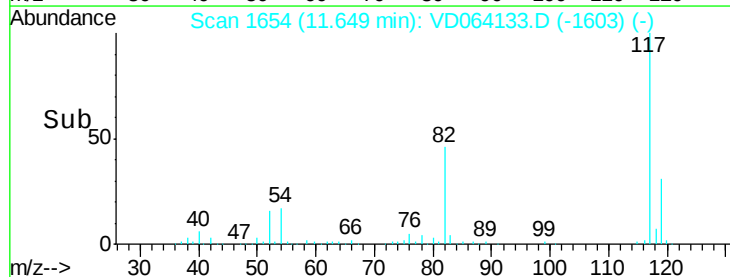
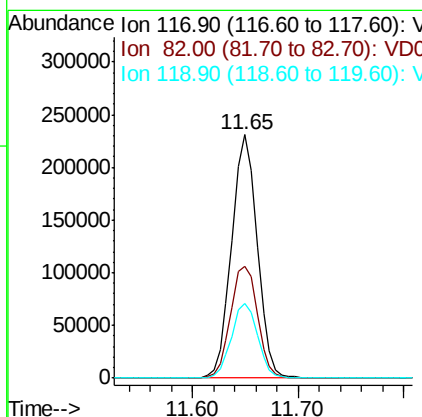
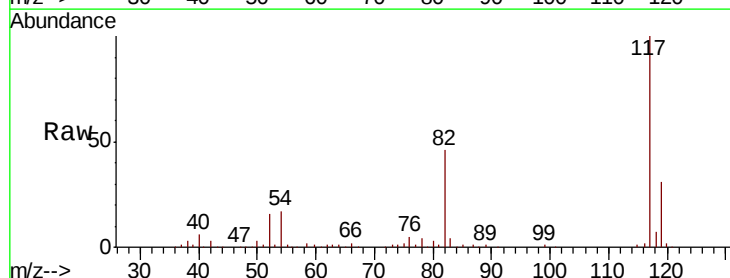
Instrument :
MSVOA_D
ClientSampleId :

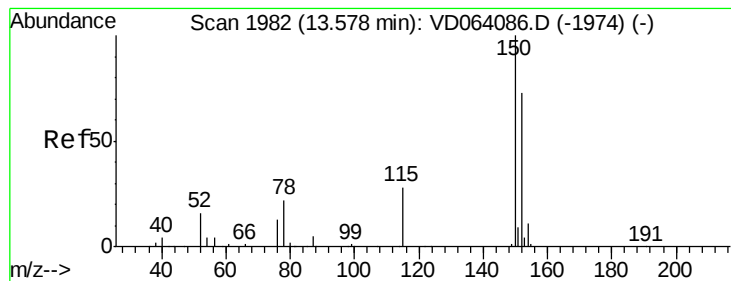
Tot Ion: 95 Resp: 155984
Ion Ratio Lower Upper
95 100
174 100.4 0.0 201.6
176 96.9 0.0 192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064133.D
Acq: 31 Oct 2019 15:25

Tgt Ion: 117 Resp: 385828
Ion Ratio Lower Upper
117 100
82 45.7 40.2 60.4
119 30.8 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD064133.D

Acq: 31 Oct 2019 15:25

Instrument :

MSVOA_D

ClientSampleId :

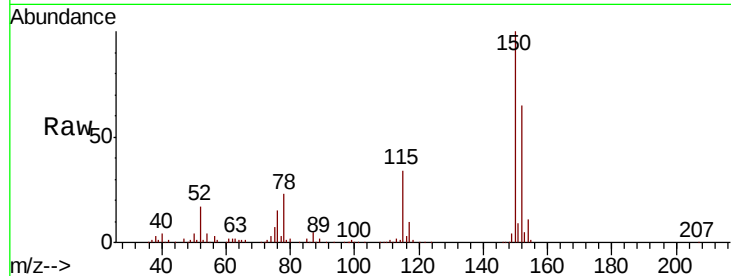
Tot Ion:152 Resp: 201097

Ion Ratio Lower Upper

152 100

115 53.8 26.2 78.6

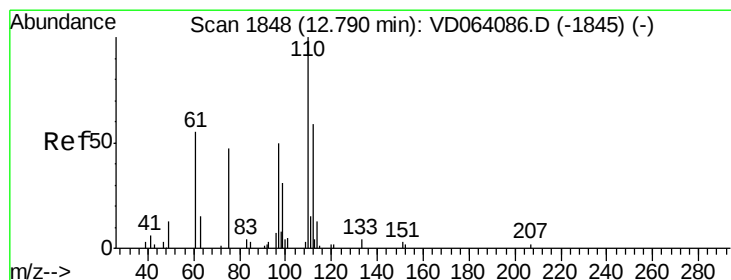
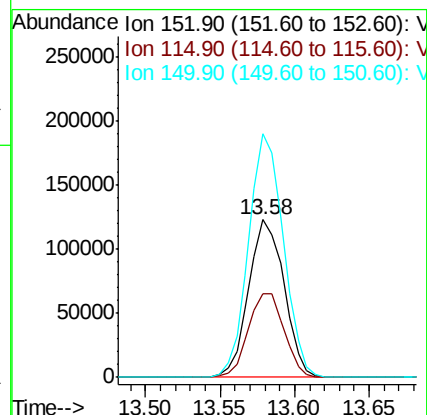
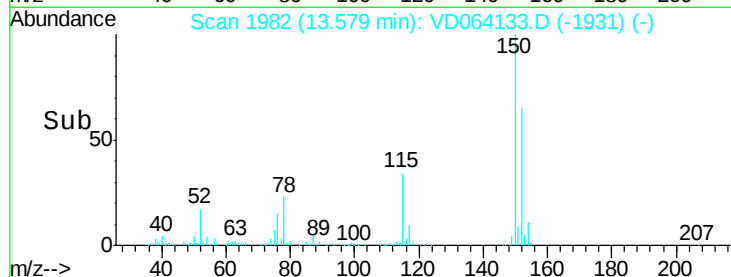
150 152.6 0.0 338.8



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: 59.616 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064133.D

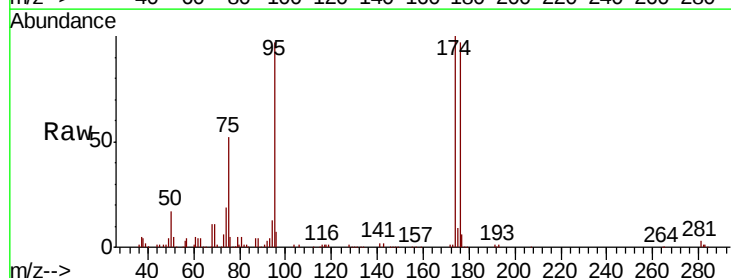
Acq: 31 Oct 2019 15:25

Tgt Ion: 75 Resp: 80556

Ion Ratio Lower Upper

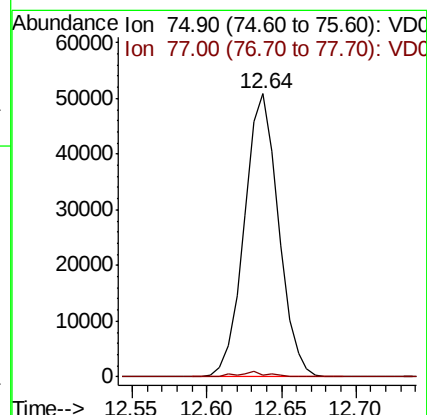
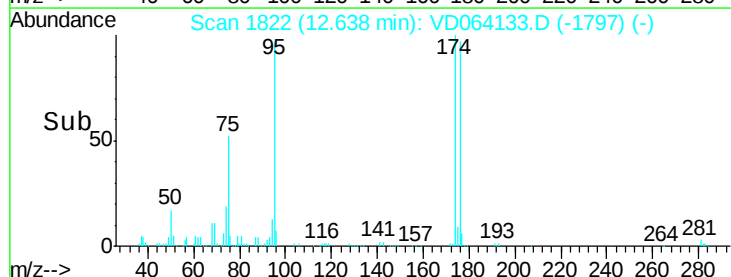
75 100

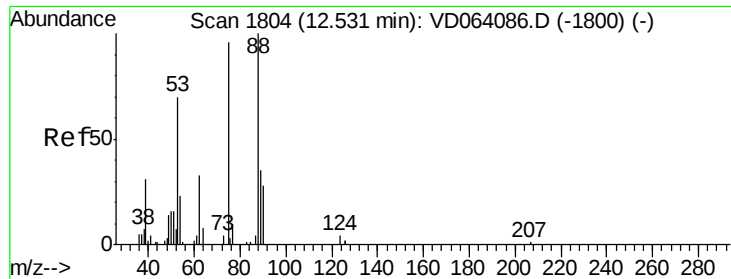
77 1.6 0.0 0.0#



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: 121.750 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064133.D

Acq: 31 Oct 2019 15:25

Instrument :

MSVOA_D

ClientSampleId :

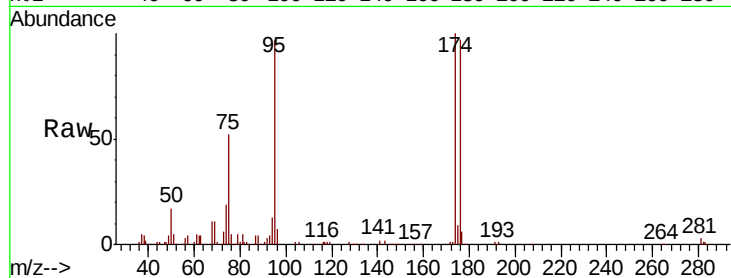
Tot Ion: 75 Resp: 80556

Ion Ratio Lower Upper

75 100

53 0.1 68.6 103.0#

89 0.1 36.9 55.3#



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

