

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD103119\
 Data File : VD064130.D
 Acq On : 31 Oct 2019 13:59
 Operator : VA/SY
 Sample : K5612-04
 Misc : 7.06G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 01 06:04:27 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

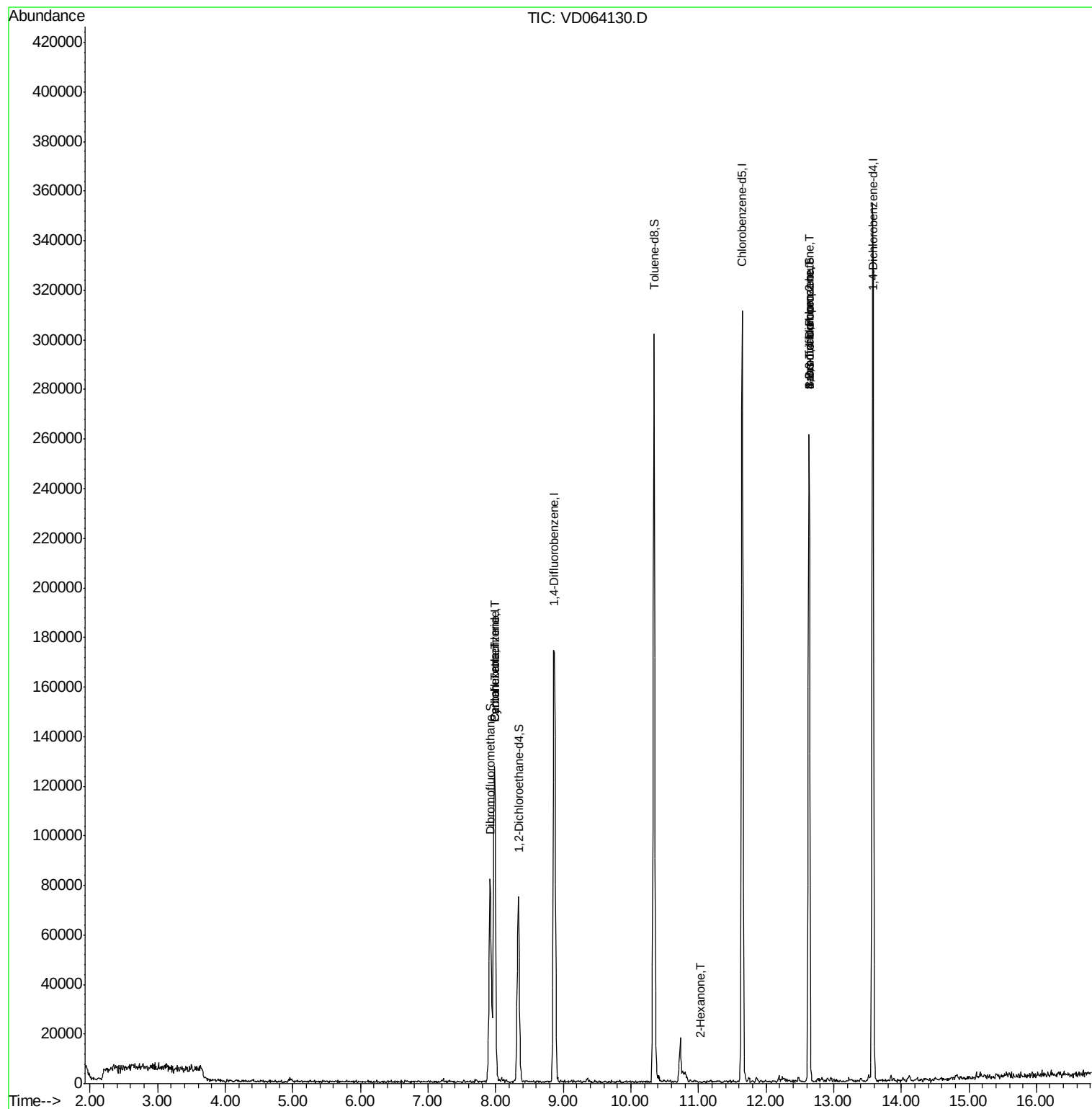
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	105588	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	173348	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	183596	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	101414	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	60157	71.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	143.28%	
35) Dibromofluoromethane	7.92	113	58032	54.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.82%	
50) Toluene-d8	10.34	98	206286	48.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.74%	
62) 4-Bromofluorobenzene	12.64	95	75137	53.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.28%	
Target Compounds				Qvalue		
20) Methylene Chloride	4.94	84	1085	Below Cal	#	39
31) Cyclohexane	7.98	56	1948	1.247	ug/l #	56
38) Carbon Tetrachloride	7.99	117	10266	5.793	ug/l #	14
59) 2-Hexanone	11.03	43	78	9.188	ug/l #	22
71) Bromoform	12.63	173	918	1.211	ug/l #	1
76) 1,2,3-Trichloropropane	12.64	75	41426	60.791	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	41426	124.152	ug/l #	15

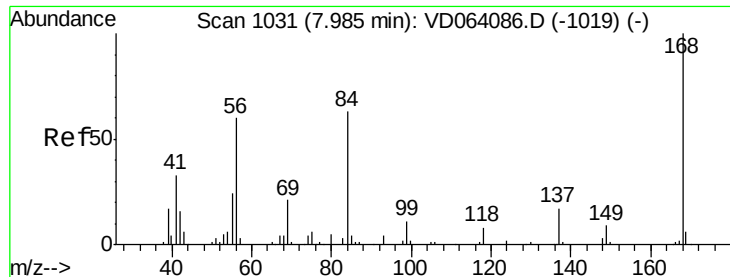
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 01 06:04:27 2019
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: VD064130.D

Acq: 31 Oct 2019 13:59

Instrument :

MSVOA_D

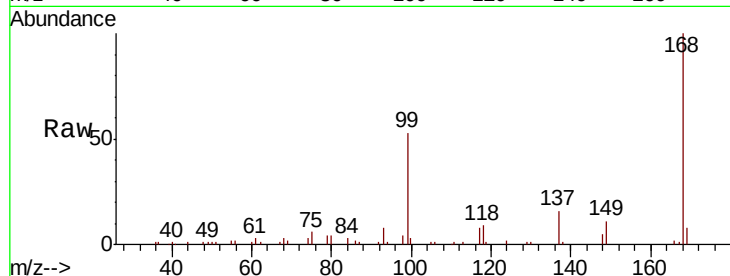
ClientSampleId :

Tot Ion:168 Resp: 105588

Ion Ratio Lower Upper

168 100

99 53.2 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

50000

40000

30000

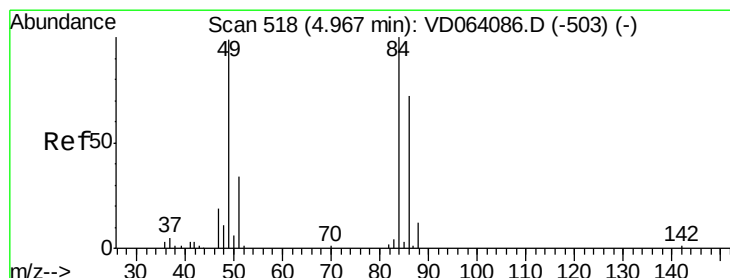
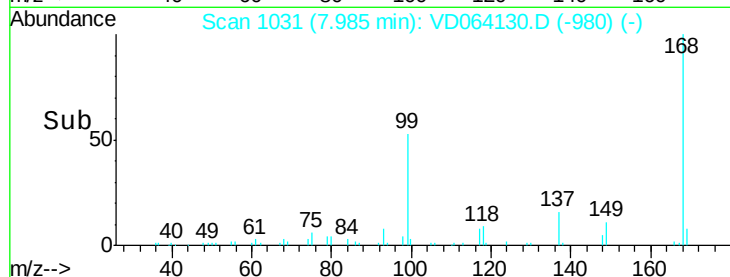
20000

10000

0

Time-->

7.90 8.00 8.10



#20

Methylene Chloride

Concen: Below Cal

RT: 4.94 min Scan# 514

Delta R.T. -0.02 min

Lab File: VD064130.D

Acq: 31 Oct 2019 13:59

Tgt Ion: 84 Resp: 1085

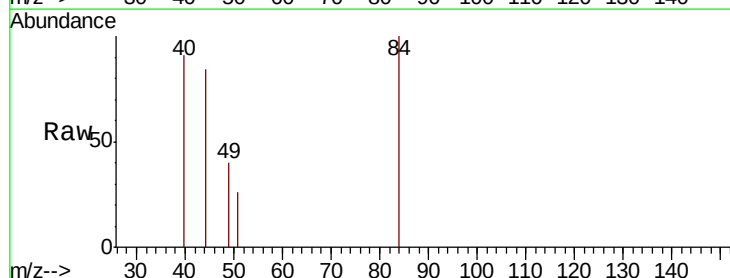
Ion Ratio Lower Upper

84 100

49 40.3 79.4 119.0#

51 26.2 27.4 41.2#

86 0.0 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

1000

800

600

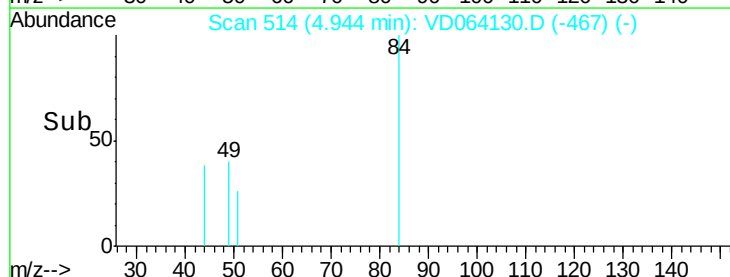
400

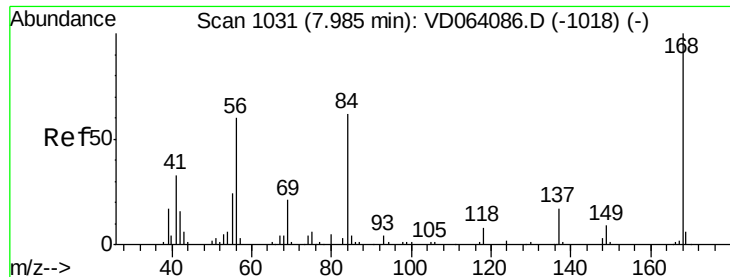
200

0

Time-->

4.90 4.95 5.00

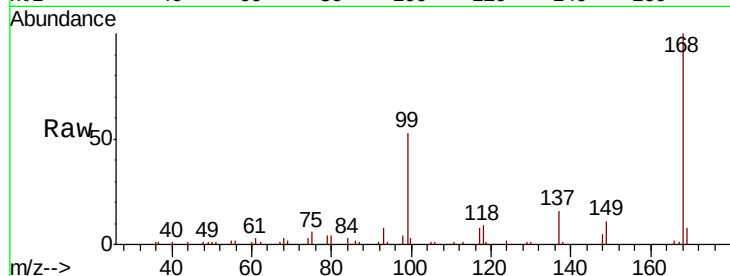




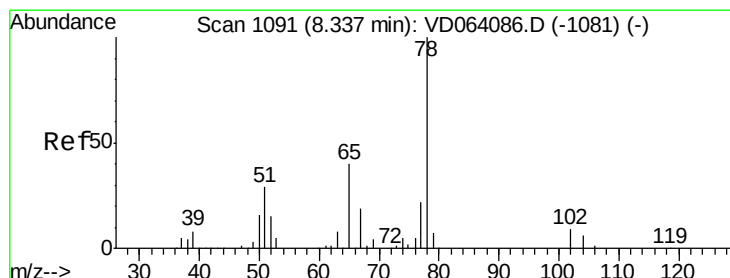
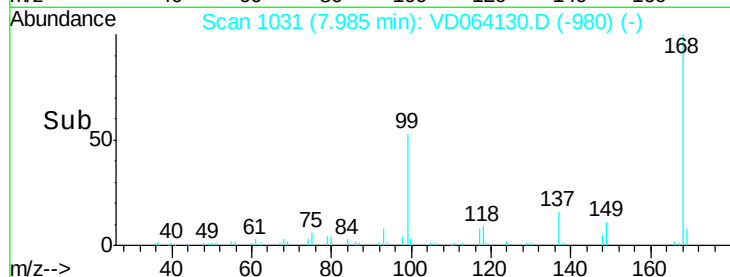
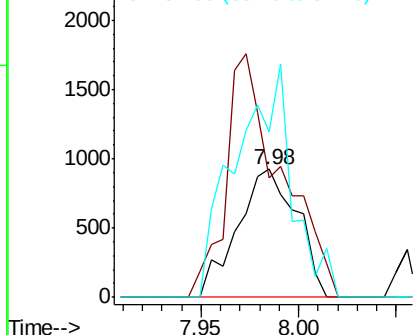
#31
Cyclohexane
Concen: 1.247 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD064130.D
Acq: 31 Oct 2019 13:59

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 56 Resp: 1948
Ion Ratio Lower Upper
56 100
69 93.3 27.7 41.5#
84 129.5 83.1 124.7#

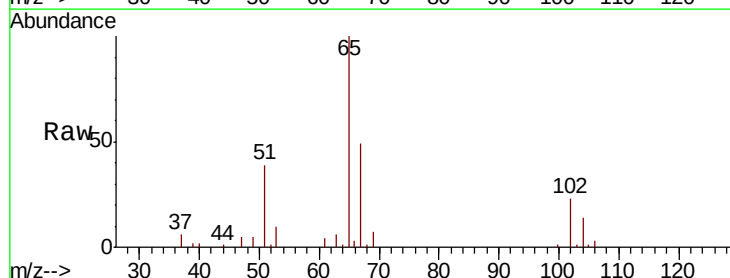


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

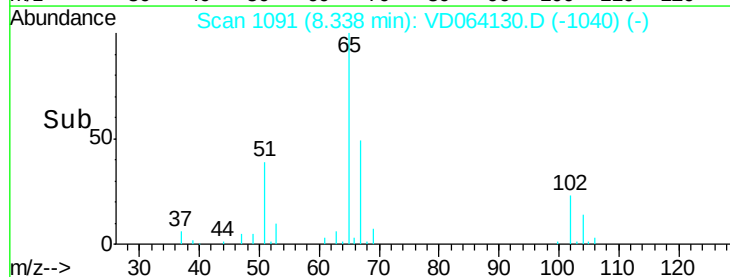
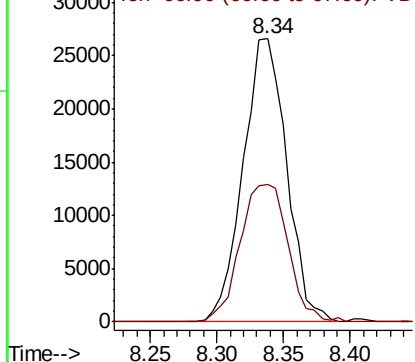


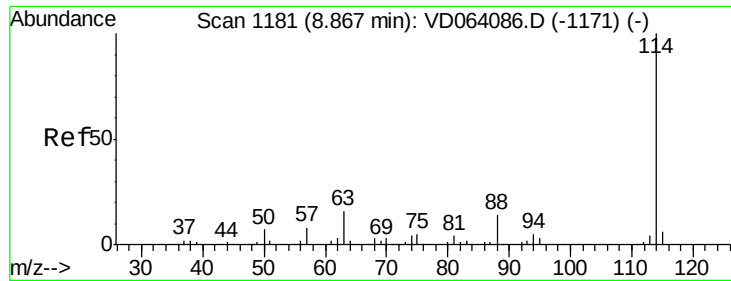
#33
1,2-Dichloroethane-d4
Concen: 71.637 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.00 min
Lab File: VD064130.D
Acq: 31 Oct 2019 13:59

Tgt Ion: 65 Resp: 60157
Ion Ratio Lower Upper
65 100
67 53.4 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: 8.86 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VD064130.D

Acq: 31 Oct 2019 13:59

Instrument :

MSVOA_D

ClientSampleId :

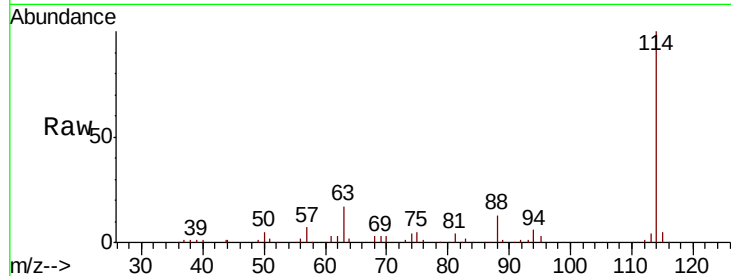
Tot Ion:114 Resp: 173348

Ion Ratio Lower Upper

114 100

63 16.5 0.0 32.8

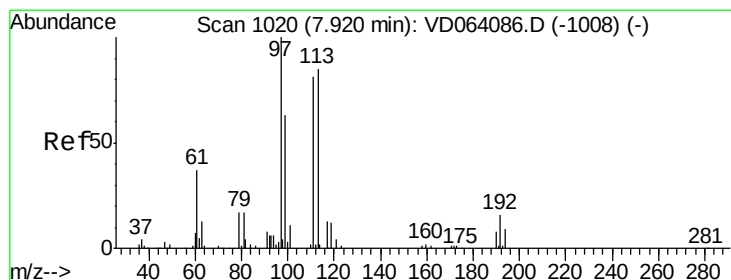
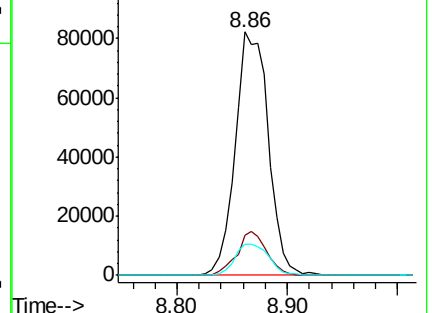
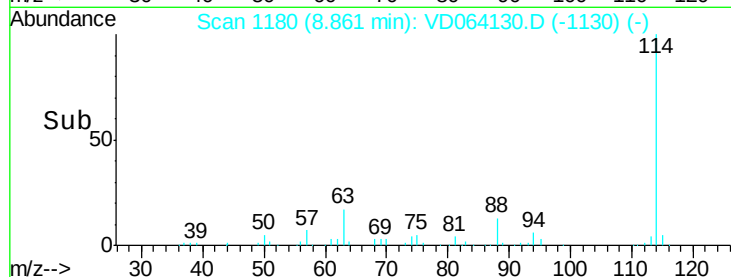
88 13.0 0.0 27.6



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: 54.414 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD064130.D

Acq: 31 Oct 2019 13:59

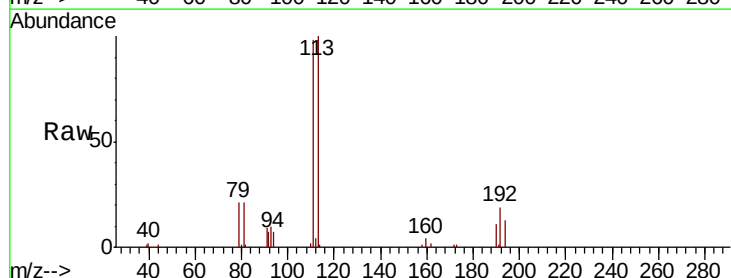
Tgt Ion:113 Resp: 58032

Ion Ratio Lower Upper

113 100

111 101.2 79.3 118.9

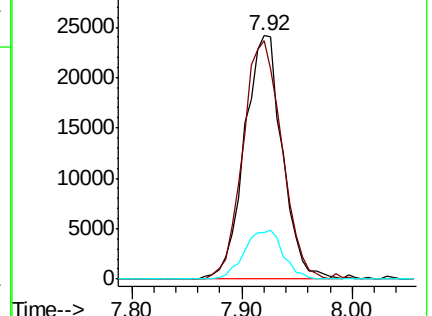
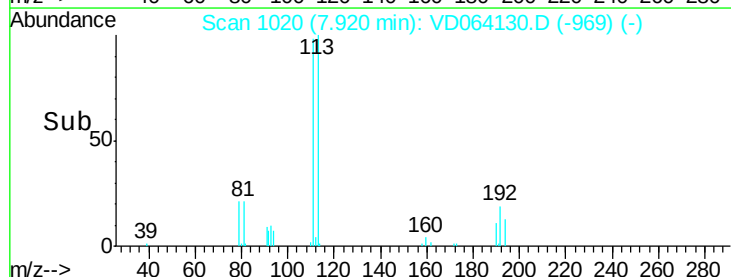
192 20.5 16.2 24.2

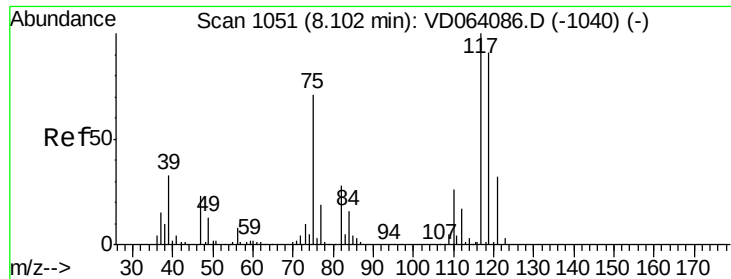


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

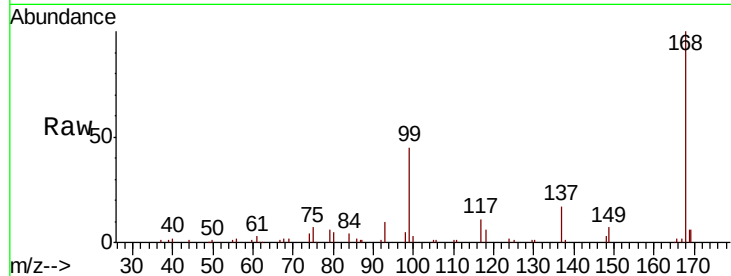




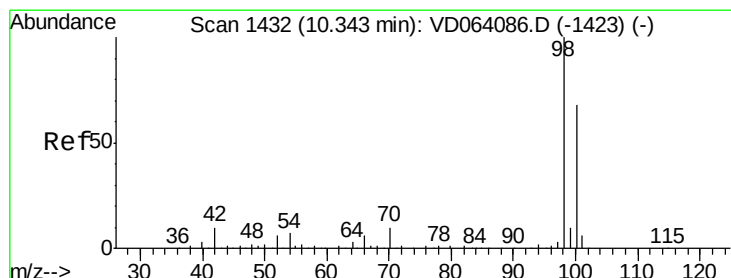
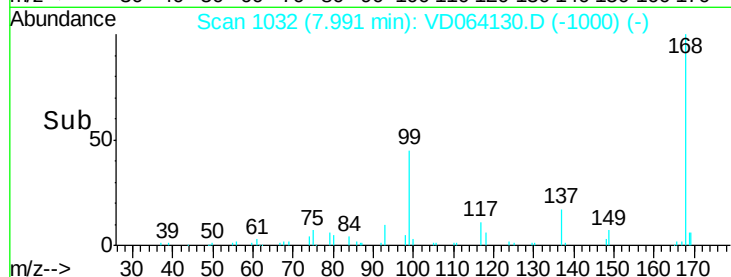
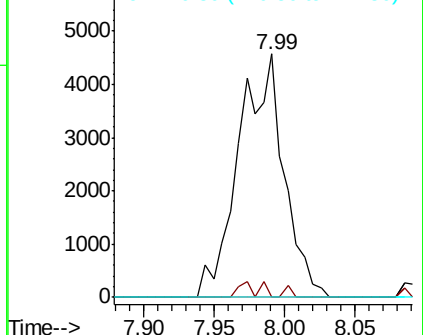
#38
Carbon Tetrachloride
Concen: 5.793 ug/l
RT: 7.99 min Scan# 1032
Delta R.T. -0.11 min
Lab File: VD064130.D
Acq: 31 Oct 2019 13:59

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 10266
Ion Ratio Lower Upper
117 100
119 0.0 72.6 108.8#
121 0.0 25.8 38.6#

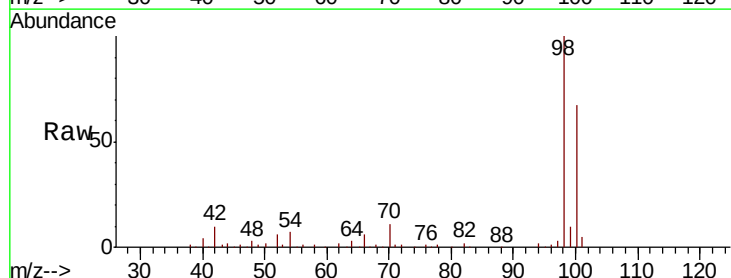


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

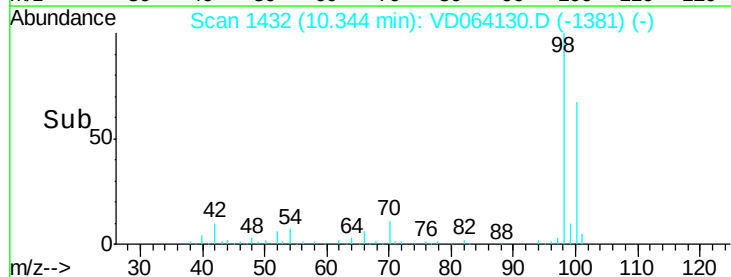
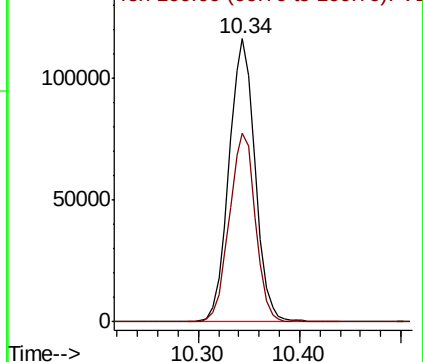


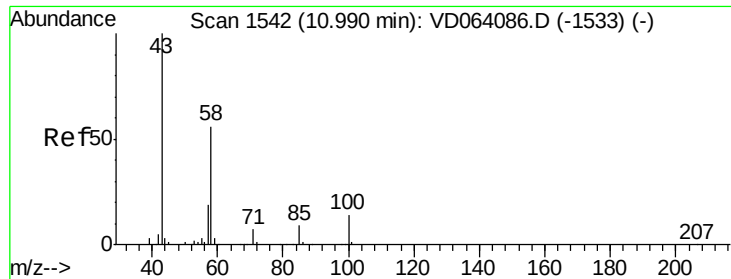
#50
Toluene-d8
Concen: 48.367 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD064130.D
Acq: 31 Oct 2019 13:59

Tgt Ion: 98 Resp: 206286
Ion Ratio Lower Upper
98 100
100 66.7 53.4 80.0



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

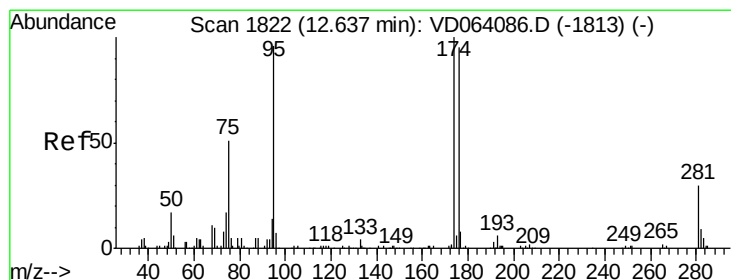
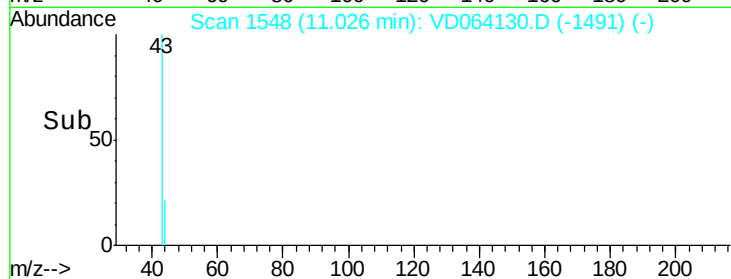
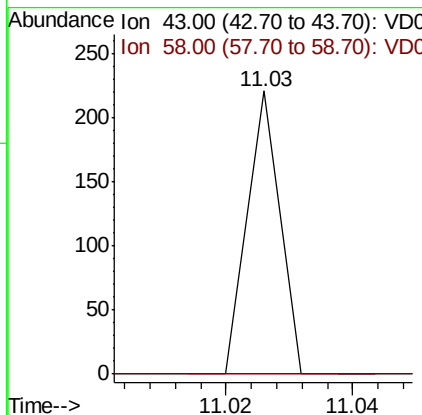
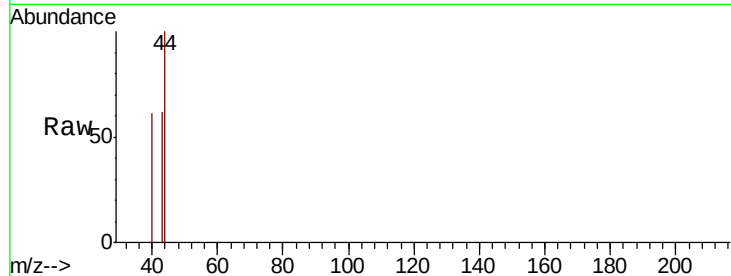




#59
2-Hexanone
Concen: 9.188 ug/l
RT: 11.03 min Scan# 1548
Delta R.T. 0.04 min
Lab File: VD064130.D
Acq: 31 Oct 2019 13:59

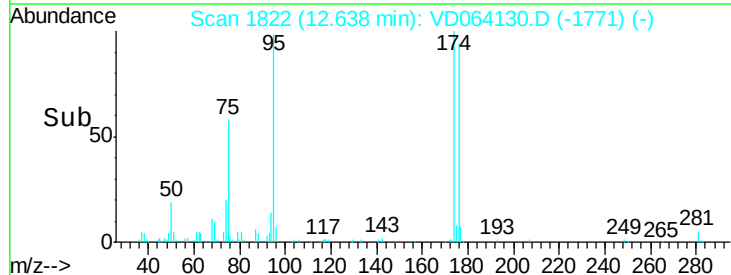
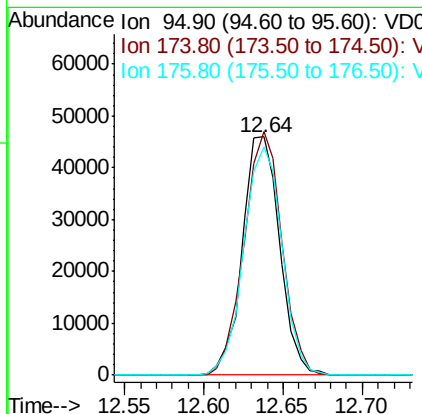
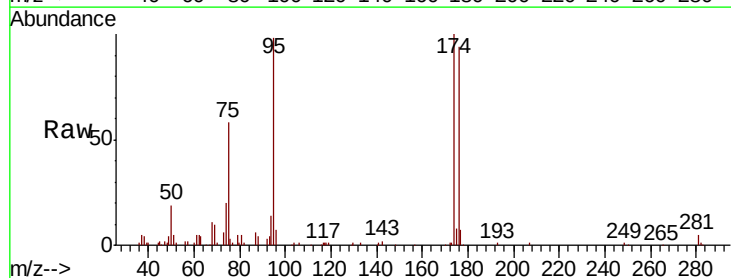
Instrument :
MSVOA_D
ClientSampleId :

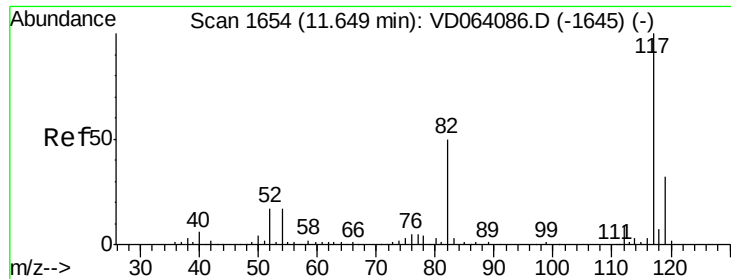
Tot Ion: 43 Resp: 78
Ion Ratio Lower Upper
43 100
58 0.0 29.2 87.6#



#62
4-Bromofluorobenzene
Concen: 53.138 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064130.D
Acq: 31 Oct 2019 13:59

Tgt Ion: 95 Resp: 75137
Ion Ratio Lower Upper
95 100
174 103.6 0.0 201.6
176 98.5 0.0 192.6

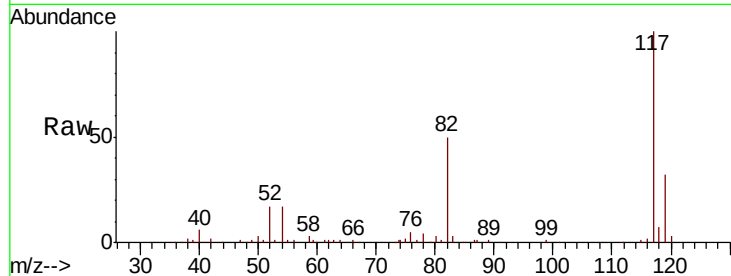




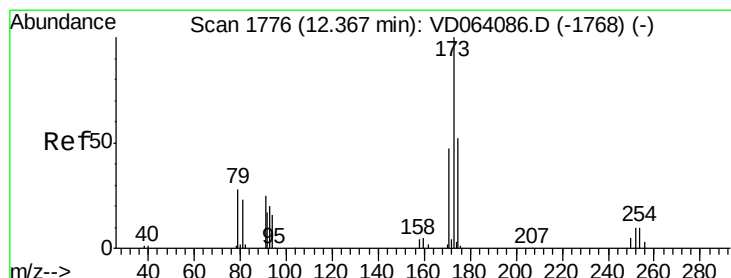
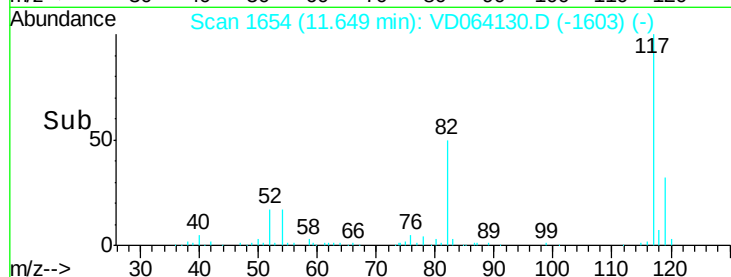
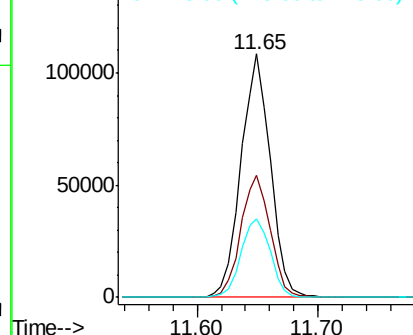
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064130.D
Acq: 31 Oct 2019 13:59

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 183596
Ion Ratio Lower Upper
117 100
82 50.3 40.2 60.4
119 32.5 26.0 39.0

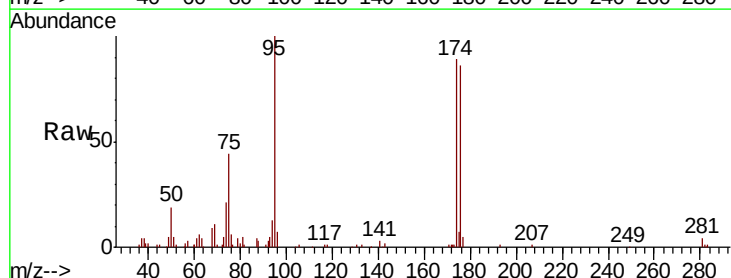


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

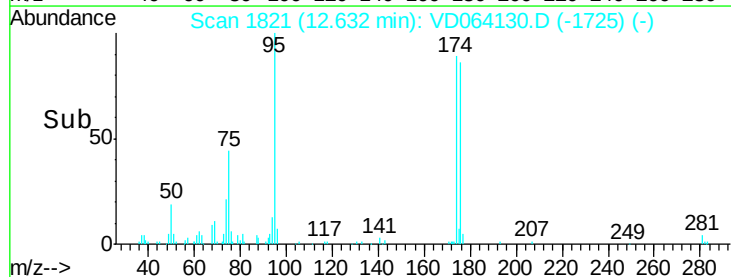
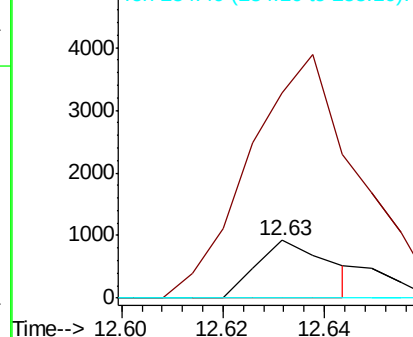


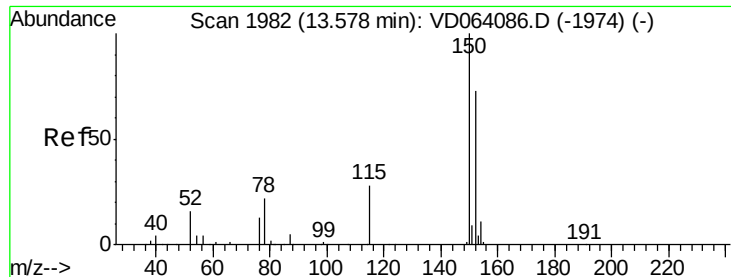
#71
Bromoform
Concen: 1.211 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.27 min
Lab File: VD064130.D
Acq: 31 Oct 2019 13:59

Tgt Ion:173 Resp: 918
Ion Ratio Lower Upper
173 100
175 517.1 24.3 72.9#
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD064130.D

Acq: 31 Oct 2019 13:59

Instrument :

MSVOA_D

ClientSampleId :

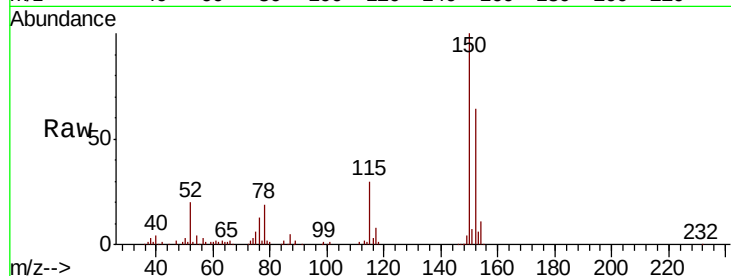
Tot Ion:152 Resp: 101414

Ion Ratio Lower Upper

152 100

115 52.9 26.2 78.6

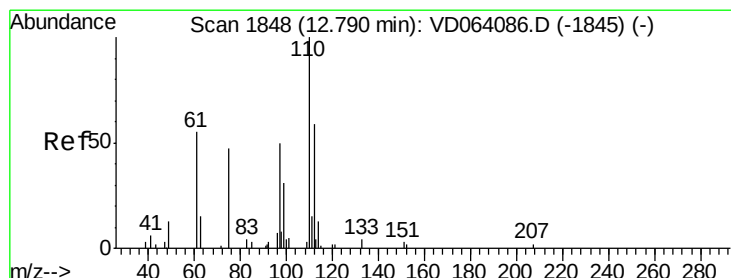
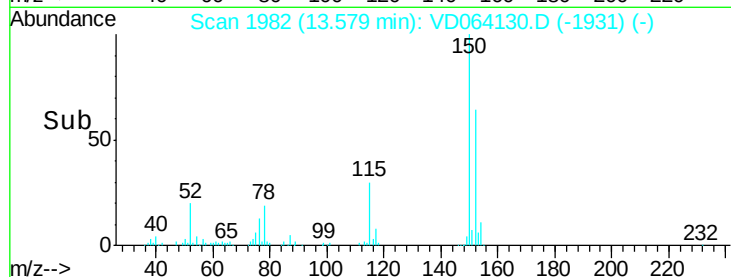
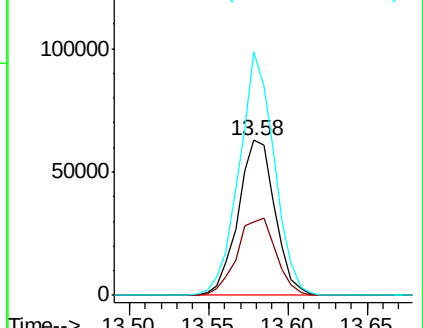
150 149.8 0.0 338.8



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: 60.791 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064130.D

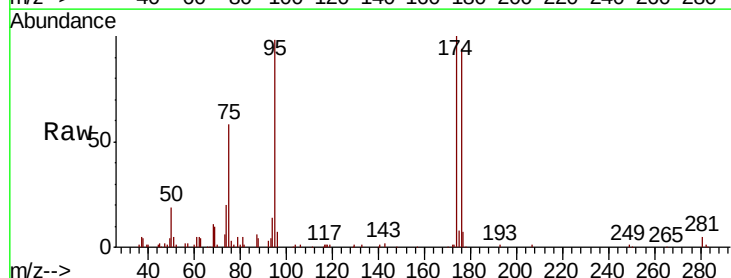
Acq: 31 Oct 2019 13:59

Tgt Ion: 75 Resp: 41426

Ion Ratio Lower Upper

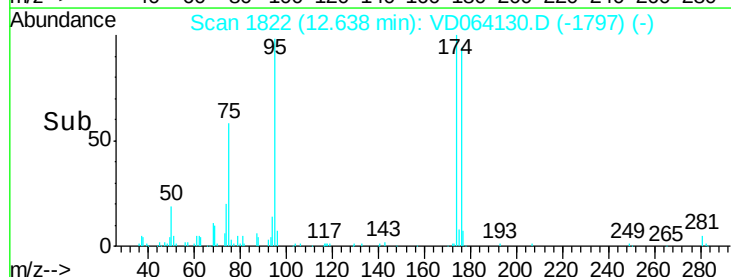
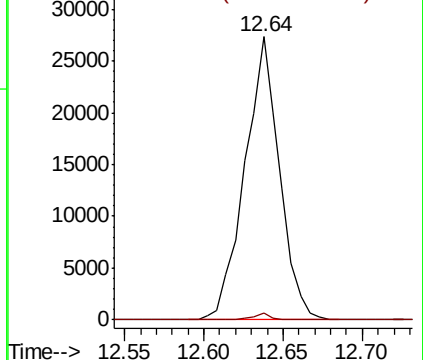
75 100

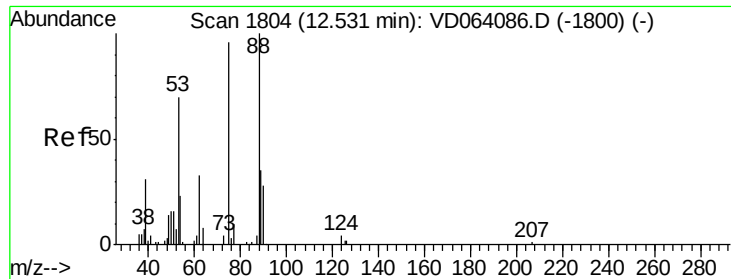
77 1.0 0.0 0.0#



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: 124.152 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064130.D

Acq: 31 Oct 2019 13:59

Instrument :

MSVOA_D

ClientSampleId :

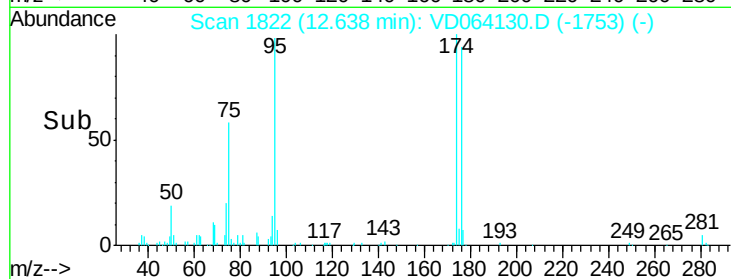
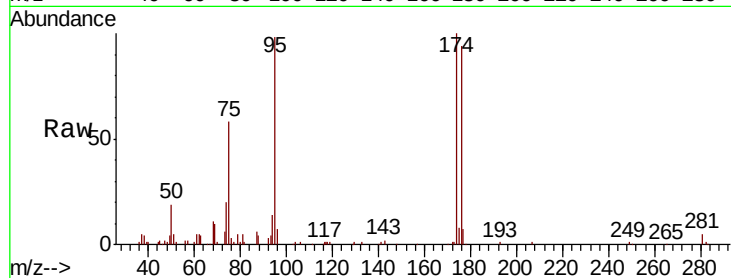
Tot Ion: 75 Resp: 41426

Ion Ratio Lower Upper

75 100

53 0.0 68.6 103.0#

89 0.0 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

